

line_id	date	sample_id	distance	P	S	Cl	K	Ca	Ti	V
BHC18GTP-001	2018/07/08	1596001	0	-1	-1	399	9026	13525	3587	113
BHC18GTP-001	2018/07/08	1596002	5	-1	-1	-1	5299	24261	2813	96
BHC18GTP-001	2018/07/08	1596003	10	-1	-1	-1	9995	10901	3262	128
BHC18GTP-001	2018/07/08	1596004	15	-1	-1	288	9208	8210	2502	115
BHC18GTP-001	2018/07/08	1596005	20	-1	-1	507	7604	14514	3346	99
BHC18GTP-001	2018/07/08	1596006	25	-1	-1	560	7929	15929	4281	100
BHC18GTP-001	2018/07/08	1596007	30	-1	-1	-1	7235	19303	3148	104
BHC18GTP-001	2018/07/08	1596008	35	-1	-1	-1	7588	22595	4071	128
BHC18GTP-001	2018/07/08	1596009	40	-1	-1	390	8641	15503	3936	125
BHC18GTP-001	2018/07/08	1596010	45	-1	-1	323	6482	24504	3955	93
BHC18GTP-001	2018/07/08	1596011	50	-1	-1	521	6140	19828	3576	83
BHC18GTP-001	2018/07/08	1596012	55	-1	-1	514	10506	3279	2123	120
BHC18GTP-001	2018/07/08	1596013	60	-1	-1	426	12229	14196	3992	130
BHC18GTP-001	2018/07/08	1596014	65	-1	-1	312	10741	7432	2991	118
BHC18GTP-001	2018/07/08	1596015	70	-1	-1	452	8961	15211	4065	116
BHC18GTP-001	2018/07/08	1596016	75	-1	-1	569	8591	9344	2682	111
BHC18GTP-001	2018/07/08	1596017	80	-1	-1	-1	15258	24669	5017	132
BHC18GTP-001	2018/07/08	1596018	85	-1	-1	484	20057	21023	4991	153
BHC18GTP-001	2018/07/08	1596019	90	-1	1821	358	12752	20785	4380	141
BHC18GTP-001	2018/07/08	1596020	95	-1	-1	567	13366	26025	5100	151
BHC18GTP-001	2018/07/08	1596021	100	-1	1491	521	18814	22223	4859	196
BHC18GTP-001	2018/07/08	1596022	105	-1	-1	474	16325	10635	4379	200
BHC18GTP-001	2018/07/08	1596023	110	-1	-1	457	16330	9477	4072	152
BHC18GTP-001	2018/07/08	1596024	115	-1	-1	-1	21035	4605	5919	199
BHC18GTP-001	2018/07/08	1596025	120	-1	-1	429	19083	2768	3414	154
BHC18GTP-001	2018/07/08	1596027	120	-1	-1	638	24055	3020	5689	206
BHC18GTP-001	2018/07/08	1596028	125	-1	-1	534	15405	5313	3934	185
BHC18GTP-001	2018/07/08	1596029	130	-1	-1	301	20057	7213	4548	180
BHC18GTP-001	2018/07/08	1596030	135	-1	-1	-1	17277	3762	4156	194
BHC18GTP-001	2018/07/08	1596031	140	-1	943	470	18446	4009	4391	208
BHC18GTP-001	2018/07/08	1596032	145	-1	-1	438	21631	13221	5920	219
BHC18GTP-001	2018/07/08	1596033	150	-1	-1	-1	19976	7226	6146	222
BHC18GTP-001	2018/07/08	1596034	155	-1	-1	452	16217	13149	4030	169
BHC18GTP-001	2018/07/08	1596035	160	-1	-1	545	15969	9613	3884	175
BHC18GTP-001	2018/07/08	1596036	165	-1	-1	434	13471	6895	4587	175
BHC18GTP-001	2018/07/08	1596037	165	-1	-1	489	16647	2796	4230	158
BHC18GTP-001	2018/07/08	1596038	175	-1	-1	460	25863	559	3637	180
BHC18GTP-001	2018/07/08	1596039	180	-1	-1	-1	10770	453	5676	175
BHC18GTP-001	2018/07/08	1596040	185	-1	-1	395	17829	2766	7350	185
BHC18GTP-001	2018/07/08	1596041	190	10454	-1	518	20588	4541	8554	256
BHC18GTP-001	2018/07/08	1596042	195	7661	-1	534	22917	9154	6655	215
BHC18GTP-001	2018/07/08	1596043	200	-1	-1	699	11195	10390	5374	147
BHC18GTP-001	2018/07/08	1596044	205	-1	1227	688	12842	-1	3316	75
BHC18GTP-001	2018/07/08	1596045	215	-1	-1	613	17738	1482	4149	120
BHC18GTP-001	2018/07/08	1596046	215	-1	-1	474	14053	15232	4426	156
BHC18GTP-001	2018/07/08	1596047	220	-1	-1	402	13005	7939	4004	127

sample_id	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Se	Rb	Sr	Y	Zr	Nb
1596001	96	1072	40801	-1	57	25	63	5.5	-1	45.8	176	23.4	181	9.6
1596002	114	1007	39855	-1	76	23	53	-1	-1	31.9	180	25	155	-1
1596003	66	809	29255	-1	47	27	60	-1	-1	57.5	165	26	241	12.7
1596004	44	731	24384	-1	39	16	72	-1	-1	49.2	166	30	208	8.4
1596005	116	960	34968	-1	57	15	70	-1	-1	49.4	167	23.6	177	7.1
1596006	-1	899	43855	-1	57	20	56	-1	-1	44.4	210	41	201	6.7
1596007	96	1100	35583	-1	57	17	64	-1	-1	44	217	27	192	-1
1596008	61	1225	37501	-1	52	26	78	-1	-1	40.5	197	29	210	6.4
1596009	49	1069	40038	-1	61	18	73	-1	-1	49.5	218	25	199	6.8
1596010	27	715	41031	-1	56	18	49	-1	-1	37.8	280	29	175	4.9
1596011	-1	815	35672	-1	58	19	43	-1	-1	32.9	282	33	188	-1
1596012	48	419	15336	-1	50	19	32	13.7	-1	51	127	28	356	22.3
1596013	128	929	38271	-1	70	26	66	-1	-1	71.1	234	32	212	8.8
1596014	80	624	25516	-1	59	16	52	20.3	-1	59.2	177	24.9	277	10.2
1596015	156	776	37627	-1	84	21	53	14.8	-1	54.3	185	27	203	-1
1596016	101	820	24473	-1	51	23	52	7.7	-1	63.2	179	22.7	260	12.9
1596017	217	945	47015	-1	136	22	75	-1	-1	75	182	29	185	8
1596018	29	1036	48648	-1	62	61	236	-1	-1	90	199	32	207	7.6
1596019	101	790	51327	-1	74	75	116	-1	-1	51.1	186	21	160	10.4
1596020	44	1281	63325	-1	61	92	204	-1	-1	54.4	178	26	130	8.2
1596021	189	1088	47848	-1	68	61	188	-1	-1	106	180	30	129	12.2
1596022	54	1236	56859	-1	71	158	250	-1	-1	82	150	25	129	6.7
1596023	79	1024	36881	-1	49	60	149	-1	-1	92	152	23	191	10.8
1596024	90	1019	47673	-1	55	30	154	-1	-1	118	115	36	195	10.1
1596025	81	611	31087	-1	47	16	105	7.2	-1	101	63	49	210	14.2
1596027	196	1201	59508	-1	84	33	128	-1	-1	147	127	68	238	15
1596028	125	788	39727	-1	71	19	91	-1	-1	97	160	39	234	13.8
1596029	68	994	37679	-1	40	-1	64	-1	-1	90	123	31	208	13
1596030	83	754	37346	-1	57	15	72	-1	-1	89	124	30	217	18
1596031	101	851	44207	-1	55	36	65	-1	-1	100	138	47	207	17
1596032	138	1312	67250	-1	64	82	84	-1	-1	91	203	51	179	10.4
1596033	121	1301	49191	-1	86	27	81	-1	-1	113	125	50	206	15
1596034	87	1132	48600	-1	68	38	94	-1	-1	88	149	42	170	7.6
1596035	80	1110	34157	-1	64	33	67	-1	-1	92	144	43	226	17.6
1596036	126	1156	42653	-1	77	39	77	-1	-1	114	167	44	245	16
1596037	67	1329	41359	-1	37	103	66	-1	-1	111	70	48	181	8.3
1596038	32	703	50065	-1	32	91	97	8	-1	209	78	38	94	-1
1596039	132	1158	70817	-1	51	36	121	-1	-1	54.1	38	49	117	-1
1596040	47	2813	88664	-1	84	42	98	-1	-1	133	65	63	317	12
1596041	-1	1855	70666	-1	59	25	75	-1	-1	108	97	58	257	8
1596042	46	2235	70664	-1	77	57	101	-1	-1	103	85	46	189	5.8
1596043	-1	1235	54509	-1	49	33	56	-1	-1	64.3	117	48	248	7.3
1596044	34	658	60206	-1	64	25	33	-1	-1	73	39	45	155	18
1596045	68	1297	51447	-1	80	52	52	-1	-1	157	93	32	143	-1
1596046	50	1147	56778	-1	55	63	62	-1	-1	65.6	156	22	187	7.8
1596047	-1	977	58403	-1	62	47	44	-1	-1	66.2	109	31	169	-1

sample_id	Mo	Ag	Cd	Sn	Sb	Ba	W	Au	Hg	Pb	Bi	Th	U
1596001	-1	-1	-1	-1	-1		-1	-1	-1	7	-1	-1	-1
1596002	-1	-1	-1	-1	-1		-1	-1	-1	-1	-1	-1	-1
1596003	-1	-1	-1	-1	-1		-1	-1	-1	11	-1	-1	-1
1596004	-1	-1	-1	-1	-1		-1	-1	-1	7	-1	-1	-1
1596005	-1	-1	-1	-1	-1		-1	-1	-1	9	-1	-1	-1
1596006	-1	-1	-1	-1	-1		30	-1	-1	7	-1	-1	-1
1596007	-1	-1	-1	-1	-1		-1	-1	-1	7	-1	-1	-1
1596008	-1	-1	-1	-1	-1		-1	-1	-1	16	-1	-1	-1
1596009	-1	-1	-1	-1	-1		-1	-1	-1	17	-1	-1	-1
1596010	-1	-1	-1	-1	-1		-1	-1	-1	15	-1	-1	-1
1596011	-1	-1	-1	-1	-1		-1	-1	-1	-1	-1	-1	-1
1596012	-1	-1	-1	-1	-1		-1	-1	-1	15	-1	50	-1
1596013	-1	-1	-1	-1	-1		-1	-1	-1	13	-1	-1	-1
1596014	-1	-1	-1	-1	-1		-1	-1	-1	10	-1	43	-1
1596015	-1	-1	-1	-1	-1		-1	-1	-1	10	-1	-1	-1
1596016	-1	-1	-1	-1	-1		-1	-1	-1	9	-1	-1	-1
1596017	-1	-1	-1	-1	-1		-1	-1	-1	10	-1	-1	-1
1596018	-1	-1	-1	-1	-1		-1	-1	-1	85	-1	-1	-1
1596019	-1	-1	-1	-1	-1		-1	-1	-1	19	-1	-1	-1
1596020	-1	-1	-1	-1	-1		-1	-1	-1	19	-1	-1	-1
1596021	-1	-1	-1	-1	-1		-1	-1	-1	61	-1	-1	-1
1596022	-1	-1	-1	-1	-1		-1	-1	-1	73	-1	-1	-1
1596023	-1	-1	-1	-1	-1		38	-1	-1	37	-1	52	-1
1596024	-1	-1	-1	-1	-1		-1	-1	-1	18	-1	-1	-1
1596025	-1	-1	-1	-1	-1		-1	-1	-1	10	-1	60	-1
1596027	-1	-1	-1	-1	-1		-1	-1	-1	13	-1	92	-1
1596028	-1	-1	-1	-1	-1		-1	-1	-1	9	-1	89	-1
1596029	-1	-1	-1	-1	-1		-1	-1	-1	-1	-1	71	-1
1596030	-1	-1	-1	-1	-1		-1	-1	-1	9	-1	72	-1
1596031	-1	-1	-1	-1	-1		-1	-1	-1	13	-1	80	-1
1596032	-1	-1	-1	-1	-1		-1	-1	-1	14	-1	51	-1
1596033	-1	-1	-1	-1	-1		-1	-1	-1	12	-1	64	-1
1596034	-1	-1	-1	-1	-1		-1	-1	-1	13	-1	-1	-1
1596035	-1	-1	-1	-1	-1		-1	-1	-1	13	-1	69	-1
1596036	-1	-1	-1	-1	-1		-1	-1	15	15	-1	76	-1
1596037	-1	-1	-1	-1	-1		-1	-1	-1	9	-1	55	-1
1596038	-1	-1	-1	-1	-1		-1	-1	-1	11	-1	-1	-1
1596039	15	-1	-1	-1	-1		-1	-1	-1	15	-1	-1	-1
1596040	-1	-1	-1	-1	-1		-1	-1	-1	27	29	-1	-1
1596041	-1	-1	-1	-1	-1		-1	-1	-1	11	-1	-1	-1
1596042	-1	-1	-1	-1	-1		-1	-1	-1	30	-1	-1	-1
1596043	-1	-1	-1	-1	-1		-1	-1	-1	12	-1	-1	-1
1596044	307	27	-1	-1	-1		-1	-1	-1	647	-1	-1	-1
1596045	13	-1	-1	-1	-1		-1	-1	-1	22	-1	-1	-1
1596046	-1	-1	-1	-1	-1		-1	-1	-1	10	-1	-1	-1
1596047	-1	-1	-1	-1	-1		-1	-1	-1	-1	-1	-1	-1

line_id	date	sample_id	distance	P	S	Cl	K	Ca	Ti	V
BHC18GTP-001	2018/07/08	1596048	225	-1	-1	-1	21965	2152	5495	165
BHC18GTP-001	2018/07/08	1596049	230	-1	-1	427	12395	8565	3789	110
BHC18GTP-001	2018/07/08	1596050	235	-1	-1	416	11222	5663	4260	120
BHC18GTP-001	2018/07/08	1596051	240	-1	-1	447	12884	10189	4238	126
BHC18GTP-001	2018/07/08	1596052	245	-1	2910	441	13027	7891	4407	142
BHC18GTP-001	2018/07/08	1596053	250	-1	-1	478	14217	16977	5052	136
BHC18GTP-001	2018/07/08	1596054	255	8705	-1	638	21698	13049	6103	182
BHC18GTP-001	2018/07/08	1596055	260	-1	-1	441	19439	12611	5253	189
BHC18GTP-001	2018/07/08	1596056	265	-1	1209	689	18796	7878	4466	168
BHC18GTP-001	2018/07/08	1596057	270	-1	-1	-1	13890	5192	3425	132
BHC18GTP-001	2018/07/08	1596058	275	-1	-1	526	11594	6053	3613	116
BHC18GTP-001	2018/07/08	1596059	280	-1	-1	340	19871	1529	2793	174
BHC18GTP-001	2018/07/08	1596060	285	-1	942	292	13387	3545	3196	115
BHC18GTP-001	2018/07/08	1596061	290	7250	1559	380	20038	4083	4278	200
BHC18GTP-001	2018/07/08	1596062	295	-1	-1	576	11832	4614	2638	114
BHC18GTP-001	2018/07/08	1596063	300	-1	1869	481	21417	2358	5121	216
BHC18GTP-001	2018/07/08	1596064	305	-1	-1	321	13075	3387	3515	152
BHC18GTP-001	2018/07/08	1596065	310	-1	-1	328	18953	3486	4437	180
BHC18GTP-001	2018/07/08	1596066	315	-1	-1	561	14047	2922	3491	189
BHC18GTP-001	2018/07/08	1596067	320	-1	1659	315	11411	5345	2656	132
BHC18GTP-001	2018/07/08	1596068	325	-1	966	512	11786	3590	3094	201
BHC18GTP-001	2018/07/08	1596069	330	-1	-1	488	11708	4682	3405	170
BHC18GTP-001	2018/07/08	1596070	335	-1	-1	434	10709	3360	2936	146
BHC18GTP-001	2018/07/08	1596071	340	-1	-1	352	22254	3711	5259	212
BHC18GTP-001	2018/07/08	1596072	345	-1	1153	773	8190	6138	2130	72
BHC18GTP-001	2018/07/08	1596073	350	-1	-1	515	10797	4497	2952	109
BHC18GTP-001	2018/07/08	1596074	355	-1	-1	829	14413	3106	3884	123
BHC18GTP-001	2018/07/09	1596075	360	-1	-1	782	25655	3291	5169	158
BHC18GTP-001	2018/07/09	1596077	365	-1	-1	572	31343	3168	6035	192
BHC18GTP-001	2018/07/09	1596078	370	-1	-1	839	24813	6579	4934	165
BHC18GTP-001	2018/07/09	1596079	375	-1	-1	524	22961	6992	5405	203
BHC18GTP-001	2018/07/09	1596080	380	-1	-1	456	18221	4465	4185	187
BHC18GTP-001	2018/07/09	1596081	385	-1	-1	515	15655	3328	3679	130
BHC18GTP-001	2018/07/09	1596082	390	-1	-1	418	8128	3937	3732	104
BHC18GTP-001	2018/07/09	1596083	395	-1	-1	458	14501	3684	2964	147
BHC18GTP-001	2018/07/09	1596084	400	-1	-1	520	11988	4227	4030	140
BHC18GTP-001	2018/07/09	1596085	405	-1	-1	698	8386	3159	4059	106
BHC18GTP-001	2018/07/09	1596086	410	-1	-1	444	14135	3925	2772	165
BHC18GTP-001	2018/07/09	1596087	415	-1	-1	404	13119	3761	2495	141
BHC18GTP-001	2018/07/09	1596088	420	-1	-1	562	10837	3274	2361	145
BHC18GTP-001	2018/07/09	1596089	425	-1	-1	393	12049	4724	2575	131
BHC18GTP-001	2018/07/09	1596090	430	-1	-1	416	13169	5100	2169	120
BHC18GTP-001	2018/07/09	1596091	435	-1	-1	374	10983	3284	2098	125
BHC18GTP-001	2018/07/09	1596092	440	-1	-1	599	9007	3220	2438	111
BHC18GTP-001	2018/07/09	1596093	445	-1	-1	595	19644	3120	3078	213
BHC18GTP-001	2018/07/09	1596094	450	5739	-1	478	23055	3295	9684	248

sample_id	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Se	Rb	Sr	Y	Zr	Nb
1596048	30	775	46151	-1	40	35	46	-1	-1	101	111	22	261	17.7
1596049	39	860	45760	-1	47	48	40	-1	-1	70.9	129	20.2	159	-1
1596050	-1	773	54950	-1	54	42	36	-1	-1	53.2	109	43	237	-1
1596051	49	920	60144	-1	55	46	44	-1	-1	70	132	30	192	5.2
1596052	35	583	58066	-1	60	41	47	-1	-1	54.3	111	30	178	-1
1596053	38	817	80048	-1	70	37	38	27	-1	86	139	31	118	-1
1596054	32	819	91572	-1	63	76	67	-1	-1	120	110	35	128	-1
1596055	26	903	77989	-1	61	51	79	-1	-1	115	112	28	116	-1
1596056	34	759	64500	-1	63	53	44	-1	-1	108	130	29	163	4.9
1596057	61	384	39331	-1	41	34	49	-1	-1	74.6	114	28	162	7.1
1596058	22	540	40168	-1	33	31	76	-1	-1	70.7	117	26	165	7.4
1596059	27	426	25330	-1	32	55	63	-1	-1	67.3	91	24.3	226	7.5
1596060	-1	526	48730	-1	31	77	117	-1	-1	41.6	122	39	211	-1
1596061	-1	825	68932	-1	45	126	121	-1	-1	71	135	37	181	6.3
1596062	-1	468	39335	-1	38	63	57	-1	-1	48.7	144	35	198	8.7
1596063	-1	1016	92818	-1	62	108	156	-1	-1	71	143	37	173	7
1596064	38	815	51393	-1	50	52	96	-1	-1	50.5	132	40	171	-1
1596065	-1	1137	63618	-1	45	64	105	-1	-1	67	149	44	182	7.1
1596066	31	615	40346	-1	43	76	78	-1	-1	51.2	136	32	209	11.3
1596067	-1	578	44270	-1	45	77	74	-1	-1	41.7	120	33	186	-1
1596068	49	505	35153	-1	42	63	58	-1	-1	42.7	117	27	232	10.9
1596069	-1	488	32799	-1	33	52	58	-1	-1	40	104	26.6	213	6.5
1596070	32	481	30838	-1	43	53	63	-1	-1	41.5	124	24.8	213	9.5
1596071	41	838	54037	-1	52	87	90	-1	-1	99	148	36	269	15
1596072	-1	462	34447	-1	28	61	93	-1	-1	27.4	117	36	192	5.6
1596073	-1	654	33296	-1	70	56	70	-1	-1	37.7	131	36	222	-1
1596074	26	1122	46822	-1	48	66	88	-1	-1	56.8	104	36	200	8.8
1596075	25	1423	70663	-1	85	95	143	-1	-1	138	116	31	144	-1
1596077	46	2760	77540	-1	64	119	152	-1	-1	164	113	53	148	7.4
1596078	31	1684	69902	-1	69	109	151	-1	-1	121	125	47	108	-1
1596079	54	1609	64590	-1	73	71	124	-1	-1	102	157	48	135	-1
1596080	32	1136	53003	-1	56	62	105	-1	-1	95	119	35	192	8.4
1596081	66	838	44640	-1	66	64	62	-1	-1	86	102	26	188	12.9
1596082	55	417	28028	-1	32	29	42	-1	-1	48.6	121	20.5	230	10.7
1596083	38	607	29909	-1	35	61	48	-1	-1	69.8	121	25	193	5.9
1596084	21	660	34919	-1	37	47	63	-1	-1	56.1	123	23	203	8.8
1596085	49	428	29778	-1	35	34	43	5.5	-1	52.4	110	15.9	195	6.7
1596086	71	438	21920	-1	27	36	35	-1	-1	75.1	142	25.4	207	14.7
1596087	60	440	23947	-1	56	42	38	-1	-1	70.2	123	24.7	196	12.7
1596088	56	422	16771	-1	37	38	28	-1	-1	62.6	117	24.2	198	10.9
1596089	60	406	18933	-1	62	30	34	-1	-1	61.2	145	24.5	211	13.3
1596090	42	347	17119	-1	46	24	27	-1	-1	62.1	116	18.2	208	11.6
1596091	53	266	15436	-1	53	26	29	-1	-1	55.3	135	17.4	209	13.8
1596092	46	267	15839	-1	38	20	31	5.7	-1	50.2	137	24.1	213	9.9
1596093	57	368	21068	-1	45	36	39	-1	-1	82.9	142	33	281	19.6
1596094	36	1146	64073	-1	82	32	82	-1	-1	133	85	62	287	18

sample_id	Mo	Ag	Cd	Sn	Sb	Ba	W	Au	Hg	Pb	Bi	Th	U
1596048	7	-1	-1	-1	-1		-1	-1	-1	14	-1	53	-1
1596049	-1	-1	-1	-1	-1		-1	-1	-1	7	-1	-1	-1
1596050	-1	-1	-1	-1	-1		-1	-1	-1	9	-1	-1	-1
1596051	-1	-1	-1	-1	-1		-1	-1	-1	-1	-1	-1	-1
1596052	-1	-1	-1	-1	-1		-1	-1	-1	12	-1	-1	-1
1596053	-1	-1	-1	-1	-1		-1	-1	-1	8	-1	-1	-1
1596054	-1	-1	-1	-1	-1		-1	-1	-1	9	-1	-1	-1
1596055	-1	-1	-1	-1	-1		-1	-1	-1	11	-1	-1	-1
1596056	-1	-1	-1	-1	-1		-1	-1	-1	12	-1	48	-1
1596057	-1	-1	26	-1	-1		-1	-1	-1	14	-1	53	-1
1596058	-1	-1	-1	-1	-1		-1	-1	-1	6	-1	-1	-1
1596059	-1	-1	-1	-1	-1		-1	-1	-1	30	-1	48	-1
1596060	-1	-1	-1	-1	-1		-1	-1	-1	14	-1	-1	-1
1596061	-1	-1	-1	-1	-1		-1	-1	-1	14	-1	-1	-1
1596062	-1	-1	-1	-1	-1		-1	-1	-1	13	-1	-1	-1
1596063	-1	-1	-1	-1	-1		-1	-1	-1	18	-1	-1	-1
1596064	-1	-1	-1	-1	-1		-1	-1	-1	15	-1	-1	-1
1596065	-1	-1	-1	-1	-1		-1	-1	-1	14	-1	-1	-1
1596066	-1	-1	-1	-1	-1		-1	-1	-1	11	-1	-1	-1
1596067	-1	-1	-1	-1	-1		-1	-1	-1	13	-1	-1	-1
1596068	-1	-1	-1	-1	-1		-1	-1	-1	11	-1	58	-1
1596069	-1	-1	-1	-1	-1		-1	-1	-1	7	-1	-1	-1
1596070	-1	-1	-1	-1	-1		-1	-1	-1	8.4	23	42	-1
1596071	-1	-1	-1	-1	-1		-1	-1	-1	17	-1	-1	-1
1596072	-1	-1	-1	-1	-1		-1	-1	-1	12	-1	-1	-1
1596073	-1	-1	-1	-1	-1		-1	-1	11	14	-1	-1	-1
1596074	-1	-1	-1	-1	-1		-1	-1	-1	10	-1	-1	-1
1596075	-1	-1	-1	-1	-1		-1	-1	-1	11	-1	-1	-1
1596077	-1	-1	-1	-1	-1		-1	-1	-1	12	-1	-1	-1
1596078	-1	-1	-1	-1	-1		-1	-1	-1	13	-1	-1	-1
1596079	-1	-1	-1	-1	-1		-1	-1	-1	10	-1	-1	-1
1596080	-1	-1	-1	-1	-1		-1	-1	-1	11	-1	-1	-1
1596081	-1	-1	-1	-1	-1		-1	-1	11	10	-1	43	-1
1596082	-1	-1	-1	-1	-1		-1	-1	-1	9.8	-1	47	-1
1596083	-1	-1	-1	-1	-1		-1	-1	-1	10	-1	-1	-1
1596084	-1	-1	-1	-1	-1		-1	-1	-1	11	-1	43	-1
1596085	-1	-1	-1	-1	-1		-1	-1	-1	9.4	-1	-1	-1
1596086	-1	-1	-1	-1	-1		-1	-1	-1	8	-1	64	-1
1596087	-1	-1	-1	-1	-1		-1	-1	-1	11	-1	53	-1
1596088	-1	-1	-1	-1	-1		-1	-1	-1	11.4	-1	-1	-1
1596089	-1	-1	-1	-1	-1		-1	-1	-1	12	-1	47	-1
1596090	-1	-1	-1	-1	-1		-1	-1	-1	8.6	-1	56	-1
1596091	-1	-1	-1	-1	-1		-1	-1	-1	7.4	-1	65	-1
1596092	-1	-1	-1	-1	-1		-1	-1	-1	10.8	-1	47	-1
1596093	-1	-1	-1	-1	-1		-1	-1	-1	13	-1	71	9
1596094	-1	-1	-1	-1	-1		-1	-1	-1	12	-1	69	-1

line_id	date	sample_id	distance	P	S	Cl	K	Ca	Ti	V
BHC18GTP-001	2018/07/09	1596095	455	-1	-1	511	18562	2687	5915	196
BHC18GTP-001	2018/07/09	1596096	460	-1	-1	495	16601	3161	3229	158
BHC18GTP-001	2018/07/09	1596097	465	-1	-1	257	12678	2807	2638	145
BHC18GTP-001	2018/07/09	1596098	470	-1	-1	468	13719	3338	2643	130
BHC18GTP-001	2018/07/09	1596099	475	-1	-1	315	13955	2357	2416	130
BHC18GTP-001	2018/07/09	1596100	480	-1	628	347	17590	1669	2172	159
BHC18GTP-001	2018/07/09	1596101	490	-1	748	328	19125	2520	3972	184
BHC18GTP-001	2018/07/09	1596102	495	-1	-1	306	12175	2817	2396	121
BHC18GTP-001	2018/07/09	1596103	500	-1	-1	449	10485	5366	3825	123
BHC18GTP-001	2018/07/11	1596104	505	-1	-1	432	14608	2961	3144	136
BHC18GTP-001	2018/07/11	1596105	510	-1	-1	221	16013	2390	2737	139
BHC18GTP-001	2018/07/11	1596106	515	-1	-1	498	11345	2954	2322	130
BHC18GTP-001	2018/07/11	1596107	520	-1	-1	372	14416	2385	2811	134
BHC18GTP-001	2018/07/11	1596108	525	-1	-1	660	13443	2818	2249	123
BHC18GTP-001	2018/07/11	1596109	530	-1	-1	431	11801	3041	2421	115
BHC18GTP-001	2018/07/11	1596110	535	-1	634	395	10530	3934	2235	113
BHC18GTP-001	2018/07/11	1596111	540	-1	-1	488	11069	2767	2114	104
BHC18GTP-001	2018/07/11	1596112	545	-1	-1	323	10557	2559	2497	113
BHC18GTP-001	2018/07/11	1596113	550	-1	-1	485	14007	2746	2288	113
BHC18GTP-001	2018/07/11	1596114	555	-1	-1	412	10414	2830	1839	97
BHC18GTP-001	2018/07/11	1596115	560	-1	-1	549	8059	3275	2250	82
BHC18GTP-001	2018/07/11	1596116	565	-1	526	329	11437	2771	2040	109
BHC18GTP-001	2018/07/11	1596117	570	-1	-1	247	11927	2937	2061	124
BHC18GTP-001	2018/07/11	1596118	575	-1	-1	392	13218	3347	2552	126
BHC18GTP-001	2018/07/11	1596119	580	-1	-1	410	8061	2776	1819	87
BHC18GTP-001	2018/07/11	1596120	585	-1	-1	396	12504	2992	2567	122
BHC18GTP-001	2018/07/11	1596121	590	-1	-1	502	10777	2740	2098	101
BHC18GTP-001	2018/07/11	1596122	595	-1	-1	494	10590	2817	2174	105
BHC18GTP-001	2018/07/11	1596123	600	-1	879	383	16542	8414	3513	133
BHC18GTP-001	2018/07/11	1596124	605	-1	656	371	14130	2981	2913	124
BHC18GTP-001	2018/07/11	1596125	610	-1	-1	469	9446	3062	2377	93
BHC18GTP-001	2018/07/11	1596127	615	-1	-1	481	15130	3653	3344	123
BHC18GTP-001	2018/07/11	1596128	620	-1	-1	434	10078	3416	2283	93
BHC18GTP-001	2018/07/11	1596129	625	-1	-1	449	12189	3613	2322	114
BHC18GTP-001	2018/07/11	1596130	630	-1	686	802	10592	3819	2451	96
BHC18GTP-001	2018/07/11	1596131	635	-1	-1	402	12736	4002	2857	107
BHC18GTP-001	2018/07/11	1596132	640	-1	-1	532	14082	1680	2020	96
BHC18GTP-001	2018/07/11	1596133	645	-1	-1	435	10884	3878	2362	101
BHC18GTP-001	2018/07/11	1596134	650	-1	-1	253	12601	2974	2041	104
BHC18GTP-001	2018/07/11	1596135	655	-1	-1	314	14611	3644	3085	117
BHC18GTP-001	2018/07/11	1596136	660	-1	-1	323	11206	3024	2751	97
BHC18GTP-001	2018/07/11	1596137	665	-1	-1	332	14780	2117	3545	128
BHC18GTP-001	2018/07/11	1596138	670	-1	-1	313	12137	2388	2561	98
BHC18GTP-001	2018/07/11	1596139	675	-1	-1	428	13634	4335	3352	121
BHC18GTP-001	2018/07/12	1596140	680	-1	-1	-1	13709	3268	3133	128
BHC18GTP-001	2018/07/12	1596141	685	-1	-1	417	13026	2846	2599	106

sample_id	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Se	Rb	Sr	Y	Zr	Nb
1596095	68	879	39806	-1	43	22	58	-1	-1	100	106	34	250	19.2
1596096	51	523	23338	-1	32	20	41	-1	-1	83.7	127	25	229	11.6
1596097	51	382	17440	-1	39	30	38	-1	-1	64.2	130	21.6	219	11.3
1596098	55	343	15544	-1	63	33	33	-1	-1	72.4	146	25.1	315	17.6
1596099	45	301	14398	-1	43	20	32	-1	-1	68.6	127	22.9	268	18.6
1596100	51	257	16164	-1	33	21	26	-1	-1	74.7	120	28	285	15.5
1596101	60	477	27469	-1	26	24	38	-1	-1	102	104	32	254	17
1596102	50	354	17473	-1	51	23	33	-1	-1	68.2	132	19.5	231	12.7
1596103	56	425	23809	-1	49	30	41	6	-1	59	144	23.8	268	11.9
1596104	58	488	25233	-1	48	17	48	5.7	-1	85.1	135	34	257	12.8
1596105	42	314	15961	-1	26	19	37	-1	-1	75.6	128	27.6	303	15.7
1596106	38	289	13831	-1	39	20	39	-1	-1	64	135	24.1	235	12.4
1596107	43	347	17767	-1	53	15	40	-1	-1	78.4	139	26	256	19.7
1596108	38	320	14782	-1	39	15	36	-1	-1	74	140	24.8	263	14.9
1596109	44	343	14088	-1	42	15	41	-1	-1	62.4	140	22	266	16.1
1596110	55	349	15387	-1	44	17	41	-1	-1	64	145	24.3	245	12.3
1596111	38	252	13051	-1	33	18	27	-1	-1	56.4	125	26.2	246	16.4
1596112	45	284	14804	-1	23	14	32	-1	-1	53.5	123	18.6	206	20.4
1596113	34	322	16269	-1	33	18	33	-1	-1	64.7	133	17.1	243	13.9
1596114	34	454	9459	-1	26	-1	21	-1	-1	55.3	131	14.2	206	14.3
1596115	43	302	15715	-1	47	-1	39	4.8	-1	49.7	144	19.8	223	15.5
1596116	37	388	10938	-1	33	10	27	-1	-1	54.6	123	13.8	225	13.8
1596117	45	535	12503	-1	26	13	26	-1	-1	59.6	136	16.6	217	11.6
1596118	49	261	13184	-1	46	12	32	-1	-1	61.7	139	19.8	270	11.8
1596119	44	265	11128	-1	35	11	30	-1	-1	47.6	120	16.7	214	11.8
1596120	41	401	14815	-1	50	12	40	-1	-1	62.6	136	17.6	239	12.3
1596121	44	206	9430	-1	30	-1	28	-1	-1	58.6	107	20	230	14.2
1596122	44	294	15886	-1	34	-1	38	6.9	-1	72.3	116	20.5	222	12.2
1596123	93	622	32319	-1	82	43	65	-1	-1	114	153	35	206	11.8
1596124	68	322	17546	-1	43	17	46	-1	-1	118	140	18.1	235	13.3
1596125	48	235	10917	-1	42	-1	33	-1	-1	50.5	131	17	243	10.4
1596127	37	382	19702	-1	44	11	44	-1	-1	113	124	18	257	21.5
1596128	31	239	13015	-1	39	10	32	-1	-1	66.6	115	19.8	248	10.8
1596129	43	274	12929	-1	58	-1	31	-1	-1	74.8	123	23.5	212	10.4
1596130	36	302	15096	-1	38	14	32	4.8	-1	57.4	147	17.2	243	11.3
1596131	50	314	18515	-1	59	16	45	-1	-1	101	127	26	259	13.5
1596132	46	344	17744	-1	70	27	44	6	-1	105	90	32	240	15.8
1596133	44	323	16008	-1	54	16	42	-1	-1	78.6	136	20.5	225	13.5
1596134	55	307	14848	-1	30	14	36	-1	-1	87.5	109	22.3	192	13.7
1596135	59	354	17737	-1	52	18	61	-1	-1	94	99	23.8	226	15
1596136	56	386	19244	-1	22	15	40	-1	-1	65.3	100	18.8	210	8.3
1596137	52	519	22267	-1	53	19	44	-1	-1	117	94	27	253	8.4
1596138	47	387	16400	-1	42	-1	37	-1	-1	87.2	92	17.9	207	11.4
1596139	76	395	21345	-1	40	13	53	-1	-1	96	119	25	263	11.7
1596140	65	587	19334	-1	20	-1	39	-1	-1	88.6	92	19	234	10.7
1596141	54	386	16347	-1	23	-1	40	-1	-1	94	83	33	208	12.3

sample_id	Mo	Ag	Cd	Sn	Sb	Ba	W	Au	Hg	Pb	Bi	Th	U
1596095	-1	-1	-1	-1	-1		-1	-1	-1	13	-1	52	-1
1596096	-1	-1	-1	-1	-1		-1	-1	-1	11	-1	45	-1
1596097	10.4	-1	-1	-1	-1		-1	-1	-1	11.1	-1	61	-1
1596098	-1	-1	-1	-1	-1		-1	8	-1	13	-1	54	-1
1596099	-1	-1	-1	-1	-1		-1	-1	10	11	-1	59	-1
1596100	6	-1	-1	-1	-1		-1	-1	-1	18	-1	69	-1
1596101	8	-1	32	-1	-1		-1	-1	-1	15	-1	54	-1
1596102	21	-1	-1	-1	-1		-1	-1	-1	53	-1	52	-1
1596103	-1	-1	24	-1	-1		-1	-1	-1	15	-1	-1	-1
1596104	-1	-1	-1	-1	-1		-1	-1	-1	11	-1	61	-1
1596105	-1	-1	-1	-1	-1		-1	-1	-1	14	-1	53	-1
1596106	-1	-1	-1	-1	-1		-1	-1	-1	13	-1	51	-1
1596107	-1	-1	-1	-1	-1		-1	-1	-1	16	-1	63	-1
1596108	-1	-1	-1	-1	-1		-1	-1	-1	12	-1	65	-1
1596109	-1	-1	-1	-1	-1		-1	-1	-1	11	-1	-1	-1
1596110	7.2	-1	-1	-1	-1		-1	-1	-1	16	-1	49	-1
1596111	-1	-1	-1	-1	-1		-1	-1	-1	10.9	-1	89	-1
1596112	-1	-1	-1	-1	-1		-1	-1	-1	6	-1	50	-1
1596113	-1	-1	-1	-1	-1		-1	-1	-1	12	-1	64	-1
1596114	-1	-1	-1	-1	-1		-1	-1	-1	5.8	-1	69	-1
1596115	-1	-1	-1	-1	-1		-1	-1	-1	8.9	-1	53	-1
1596116	-1	-1	-1	-1	-1		-1	-1	-1	9.5	-1	40	-1
1596117	-1	-1	-1	-1	-1		-1	-1	-1	12	-1	69	-1
1596118	-1	-1	-1	-1	-1		-1	-1	-1	14	-1	58	-1
1596119	-1	-1	-1	-1	-1		-1	-1	-1	8.2	-1	49	-1
1596120	-1	-1	-1	-1	-1		-1	-1	-1	12	-1	76	-1
1596121	-1	-1	-1	-1	-1		-1	-1	-1	11.6	-1	58	-1
1596122	-1	-1	-1	-1	-1		-1	-1	-1	10.5	-1	64	-1
1596123	-1	-1	-1	-1	-1		-1	-1	-1	15	-1	79	-1
1596124	-1	-1	-1	-1	-1		-1	-1	-1	12	-1	53	-1
1596125	-1	-1	-1	-1	-1		-1	-1	-1	14	-1	40	-1
1596127	-1	-1	-1	-1	-1		-1	-1	-1	11	-1	77	-1
1596128	-1	-1	-1	-1	-1		-1	-1	-1	11.6	-1	74	-1
1596129	-1	-1	-1	-1	-1		-1	-1	-1	11.1	-1	70	-1
1596130	-1	-1	-1	-1	-1		-1	-1	-1	9	-1	-1	-1
1596131	-1	-1	-1	-1	-1		-1	-1	-1	14	-1	80	-1
1596132	6.4	-1	-1	-1	-1		-1	-1	-1	25	-1	112	-1
1596133	-1	-1	-1	-1	-1		-1	-1	-1	16	-1	55	-1
1596134	-1	-1	-1	-1	-1		-1	-1	-1	19	-1	72	-1
1596135	-1	-1	-1	-1	-1		-1	-1	-1	19	-1	81	-1
1596136	-1	-1	-1	-1	-1		-1	-1	-1	9	-1	46	-1
1596137	-1	-1	-1	-1	-1		-1	-1	-1	15	-1	56	-1
1596138	-1	-1	-1	-1	-1		-1	-1	-1	14	-1	68	-1
1596139	-1	-1	-1	-1	-1		-1	-1	-1	16	-1	60	-1
1596140	-1	-1	-1	-1	-1		-1	-1	-1	17	-1	77	-1
1596141	-1	-1	-1	-1	-1		-1	-1	-1	17	-1	64	-1

line_id	date	sample_id	distance	P	S	Cl	K	Ca	Ti	V
BHC18GTP-001	2018/07/12	1596142	690	-1	-1	-1	16900	3730	3599	133
BHC18GTP-001	2018/07/12	1596143	695	-1	-1	402	15128	3473	2698	110
BHC18GTP-001	2018/07/12	1596144	700	-1	-1	389	13676	2463	2586	97
BHC18GTP-001	2018/07/12	1596145	705	-1	-1	429	16406	3092	3307	133
BHC18GTP-001	2018/07/12	1596146	710	-1	-1	319	17016	2563	3266	132
BHC18GTP-001	2018/07/12	1596147	715	-1	-1	-1	11390	3111	2365	100
BHC18GTP-001	2018/07/12	1596148	720	-1	-1	279	15998	2862	2709	120
BHC18GTP-001	2018/07/12	1596149	725	-1	-1	253	13651	2100	2462	116
BHC18GTP-001	2018/07/12	1596150	730	-1	-1	496	17546	2954	2922	116
BHC18GTP-001	2018/07/12	1596151	735	-1	-1	238	17016	3170	2216	126
BHC18GTP-001	2018/07/12	1596152	740	-1	-1	341	16547	3133	3429	138
BHC18GTP-001	2018/07/12	1596153	745	-1	-1	424	15319	4008	3247	126
BHC18GTP-001	2018/07/12	1596154	750	-1	-1	434	10528	2284	2144	86
BHC18GTP-001	2018/07/12	1596155	755	-1	-1	394	13951	2899	2657	103
BHC18GTP-001	2018/07/12	1596156	760	-1	-1	421	14389	3391	2200	101
BHC18GTP-001	2018/07/12	1596157	765	-1	-1	441	17321	2459	2855	118
BHC18GTP-001	2018/07/12	1596158	770	-1	-1	450	12955	2357	2324	114
BHC18GTP-001	2018/07/12	1596159	775	-1	838	664	17832	2847	2828	125
BHC18GTP-001	2018/07/12	1596160	780	-1	-1	456	23305	3048	4148	126
BHC18GTP-001	2018/07/12	1596161	785	-1	-1	-1	22031	4168	4960	163
BHC18GTP-001	2018/07/12	1596162	790	-1	-1	472	16647	2016	2461	117
BHC18GTP-001	2018/07/12	1596163	795	-1	-1	422	19328	2563	3975	152
BHC18GTP-001	2018/07/12	1596164	800	-1	-1	254	11289	4624	2593	100
BHC18GTP-001	2018/07/12	1596165	805	-1	-1	293	10738	2731	2761	101
BHC18GTP-001	2018/07/12	1596166	810	-1	-1	-1	4195	1729	1675	53
BHC18GTP-001	2018/07/12	1596167	815	-1	-1	251	7029	2264	2337	88
BHC18GTP-001	2018/07/12	1596168	820	-1	-1	-1	9632	11903	3558	95
BHC18GTP-001	2018/07/12	1596169	825	-1	-1	324	10668	6975	4477	112
BHC18GTP-001	2018/07/12	1596170	830	-1	-1	296	7409	3908	2395	78
BHC18GTP-001	2018/07/12	1596171	835	-1	-1	346	9590	3930	1900	80
BHC18GTP-001	2018/07/12	1596172	840	-1	-1	299	11387	2685	1632	82
BHC18GTP-001	2018/07/12	1596173	845	-1	-1	294	12307	4461	2384	87
BHC18GTP-001	2018/07/12	1596174	850	-1	-1	-1	12202	3793	2165	98
BHC18GTP-002	2018/07/12	1596177	0	-1	-1	185	17255	2431	1551	106
BHC18GTP-002	2018/07/12	1596178	5	-1	-1	337	15193	2451	1711	101
BHC18GTP-002	2018/07/12	1596179	10	-1	-1	325	14536	2127	1826	116
BHC18GTP-002	2018/07/12	1596180	15	-1	-1	345	19806	1721	2180	155
BHC18GTP-002	2018/07/12	1596181	20	-1	-1	-1	11445	2796	1575	89
BHC18GTP-002	2018/07/12	1596182	25	-1	-1	236	11804	1564	1416	89
BHC18GTP-002	2018/07/12	1596183	30	-1	-1	263	14723	1353	1730	137
BHC18GTP-002	2018/07/12	1596184	35	-1	-1	-1	9382	3215	1751	102
BHC18GTP-002	2018/07/12	1596185	40	-1	-1	294	8511	2682	2159	82
BHC18GTP-002	2018/07/12	1596186	45	-1	-1	-1	10205	2507	1612	97
BHC18GTP-002	2018/07/12	1596187	50	-1	-1	-1	7204	1675	1064	73
BHC18GTP-002	2018/07/12	1596188	55	-1	-1	-1	13073	1843	1725	119
BHC18GTP-002	2018/07/12	1596189	60	-1	-1	404	14658	2218	1701	120

sample_id	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Se	Rb	Sr	Y	Zr	Nb
1596142	60	633	28485	-1	53	14	69	-1	-1	145	61	26	206	10.9
1596143	42	421	20074	-1	26	-1	47	-1	-1	110	100	23	249	12.6
1596144	46	264	12646	-1	38	-1	31	-1	-1	80.6	107	15.8	208	12.1
1596145	74	450	21172	-1	29	15	59	-1	-1	115	95	26	322	13.5
1596146	46	525	21830	-1	33	14	45	-1	-1	104	81	19.5	202	11.4
1596147	41	309	15679	-1	27	17	44	-1	-1	98	111	23	218	9.3
1596148	53	412	19796	-1	29	17	47	-1	-1	99	97	21.9	236	13.3
1596149	48	329	17046	-1	42	22	48	-1	-1	104	89	21.5	258	13.7
1596150	36	361	18565	-1	44	19	41	-1	-1	110	97	22	264	13.3
1596151	38	270	17774	-1	38	-1	46	-1	-1	135	115	22	225	13.4
1596152	54	360	21947	-1	45	21	52	-1	-1	118	106	28	252	10.7
1596153	46	407	22693	-1	65	24	58	-1	-1	107	124	38	281	14.7
1596154	45	288	13116	-1	26	13	34	-1	-1	75.8	97	16.9	175	6.6
1596155	58	378	17203	-1	42	15	43	-1	-1	93	102	22	236	15
1596156	41	357	14983	-1	59	15	42	-1	-1	99	121	14.6	275	13.5
1596157	39	428	21911	-1	45	28	44	-1	-1	127	106	25	248	18
1596158	53	380	17363	-1	47	22	49	-1	-1	114	99	20	272	13
1596159	45	594	17547	-1	72	18	42	-1	-1	122	96	18	234	12.1
1596160	27	497	27670	-1	58	25	52	-1	-1	159	84	32	255	16.3
1596161	66	636	33521	-1	81	53	57	-1	-1	157	69	28	245	19.3
1596162	49	413	18537	-1	51	27	38	-1	-1	118	77	35	235	11
1596163	54	647	27955	-1	66	20	62	-1	-1	151	100	34	270	17
1596164	62	439	17396	-1	60	29	57	-1	-1	93	134	35	226	11.5
1596165	66	494	18201	-1	-1	-1	31	-1	-1	92	73	17	164	8.3
1596166	58	362	13350	-1	-1	17	28	-1	-1	60.6	83	14.6	196	11.4
1596167	61	467	17729	-1	22	10	43	5.1	-1	76.8	82	18	175	8.4
1596168	83	483	30720	-1	76	27	48	-1	-1	56	180	17.7	211	10.7
1596169	54	645	22910	-1	44	15	51	-1	-1	79.2	120	16.4	228	10.6
1596170	35	295	21333	-1	75	24	39	-1	-1	74.3	129	18.8	226	10.6
1596171	39	274	13581	-1	37	-1	38	-1	-1	71	97	17.5	172	12.5
1596172	43	230	10465	-1	33	12	28	6.3	-1	79.3	95	13.8	196	11.1
1596173	42	310	16039	-1	-1	15	46	-1	-1	81.1	113	17	222	11.3
1596174	42	331	14686	-1	33	-1	37	-1	-1	78.2	108	18	241	14.2
1596177	40	209	12079	-1	28	-1	28	-1	-1	115	92	22	260	13.5
1596178	45	219	11853	-1	39	13	29	-1	-1	104	94	16.9	184	12.1
1596179	48	289	8967	-1	27	-1	22	-1	-1	70.5	99	21.2	229	13.3
1596180	63	255	16723	-1	50	18	44	-1	-1	113	103	26	197	13.6
1596181	41	225	9969	-1	39	12	33	-1	-1	63	95	19.9	212	13.1
1596182	36	127	6488	-1	35	10	19	-1	-1	75.5	53	20.9	206	13.3
1596183	40	134	8818	-1	-1	16	26	7.2	-1	67.8	61	22.4	186	11.7
1596184	46	213	10937	-1	40	11	29	-1	-1	59	121	20.6	246	13.4
1596185	41	164	8945	-1	-1	-1	18	-1	-1	38.3	66	20	225	12.7
1596186	42	221	8725	-1	-1	-1	24	-1	-1	52.7	94	21	185	11.7
1596187	21	181	4207	-1	-1	-1	11	-1	-1	41.4	77	18.5	192	11.7
1596188	41	255	10285	-1	-1	-1	26	-1	-1	69.2	103	14.6	224	12.7
1596189	44	320	12501	-1	24	-1	28	-1	-1	77.5	102	24.5	217	8.1

sample_id	Mo	Ag	Cd	Sn	Sb	Ba	W	Au	Hg	Pb	Bi	Th	U
1596142	-1	-1	-1	-1	-1		-1	-1	-1	12	-1	45	-1
1596143	-1	-1	-1	-1	-1		-1	-1	-1	16	-1	72	-1
1596144	-1	-1	24	-1	-1		-1	-1	-1	13	-1	56	-1
1596145	-1	-1	-1	-1	-1		-1	-1	-1	17	-1	102	-1
1596146	-1	-1	-1	-1	-1		-1	-1	-1	15	-1	57	-1
1596147	-1	-1	-1	-1	-1		-1	-1	-1	15	-1	63	-1
1596148	-1	-1	-1	-1	-1		-1	-1	-1	20	-1	76	-1
1596149	-1	-1	-1	-1	-1		-1	9	-1	21	-1	76	-1
1596150	-1	-1	-1	-1	-1		-1	-1	-1	16	-1	73	-1
1596151	-1	-1	-1	-1	-1		-1	-1	-1	18	-1	109	-1
1596152	-1	-1	-1	-1	-1		-1	-1	-1	19	-1	81	-1
1596153	-1	-1	-1	-1	-1		-1	-1	-1	21	-1	94	-1
1596154	-1	-1	-1	-1	-1		-1	-1	-1	11	-1	73	-1
1596155	-1	-1	-1	-1	-1		-1	-1	-1	21	-1	45	9
1596156	-1	-1	-1	-1	-1		-1	-1	-1	15	-1	107	-1
1596157	-1	-1	-1	-1	-1		-1	-1	-1	25	-1	117	-1
1596158	-1	-1	-1	-1	-1		-1	-1	-1	25	-1	81	-1
1596159	-1	-1	-1	-1	-1		-1	-1	-1	18	-1	91	-1
1596160	-1	-1	-1	-1	-1		-1	-1	-1	14	-1	83	-1
1596161	-1	-1	-1	-1	-1		-1	-1	-1	17	-1	80	-1
1596162	-1	-1	-1	-1	-1		-1	-1	-1	20	-1	91	-1
1596163	-1	-1	-1	-1	-1		-1	-1	13	16	-1	100	-1
1596164	-1	-1	-1	-1	-1		-1	-1	-1	21	26	70	-1
1596165	-1	-1	-1	-1	-1		-1	-1	-1	14	-1	-1	-1
1596166	-1	-1	-1	-1	-1		-1	-1	-1	8.7	-1	52	-1
1596167	-1	-1	-1	-1	-1		-1	-1	-1	6.4	-1	51	-1
1596168	-1	-1	-1	-1	-1		-1	-1	-1	17	-1	75	-1
1596169	-1	-1	-1	-1	-1		-1	-1	-1	16	-1	49	-1
1596170	-1	-1	-1	-1	-1		-1	-1	-1	19	-1	106	-1
1596171	-1	-1	-1	-1	-1		-1	-1	-1	9	-1	-1	-1
1596172	-1	-1	-1	-1	-1		-1	-1	-1	13	-1	76	-1
1596173	-1	-1	-1	-1	-1		-1	-1	-1	17	-1	-1	-1
1596174	-1	-1	-1	-1	-1		-1	-1	-1	13	-1	72	-1
1596177	-1	-1	-1	-1	-1		-1	-1	-1	16	-1	135	-1
1596178	-1	-1	-1	-1	-1		-1	-1	-1	17	-1	74	-1
1596179	-1	-1	-1	-1	-1		-1	-1	-1	9	-1	92	-1
1596180	5.8	-1	-1	-1	-1		-1	-1	-1	10	-1	86	-1
1596181	-1	-1	-1	-1	-1		-1	-1	-1	9.3	-1	83	-1
1596182	-1	-1	-1	-1	-1		-1	-1	11	13	-1	101	-1
1596183	-1	-1	-1	-1	-1		-1	-1	-1	7	-1	85	-1
1596184	-1	-1	-1	-1	-1		-1	-1	-1	7.7	-1	56	-1
1596185	-1	-1	-1	-1	-1		-1	-1	-1	8.1	-1	61	-1
1596186	-1	-1	-1	-1	-1		-1	-1	-1	6.1	-1	55	-1
1596187	-1	-1	-1	-1	-1		-1	-1	-1	13	-1	63	-1
1596188	-1	-1	-1	-1	-1		-1	-1	-1	6.3	-1	96	-1
1596189	-1	-1	-1	-1	-1		-1	-1	-1	8.5	-1	85	-1

line_id	date	sample_id	distance	P	S	Cl	K	Ca	Ti	V
BHC18GTP-002	2018/07/12	1596190	65	-1	-1	362	13828	2024	1780	128
BHC18GTP-002	2018/07/12	1596191	70	-1	-1	198	14351	2237	1757	104
BHC18GTP-002	2018/07/12	1596192	75	-1	-1	272	13511	2179	2033	122
BHC18GTP-002	2018/07/12	1596193	80	-1	-1	526	12203	2777	2139	98
BHC18GTP-002	2018/07/12	1596194	85	-1	-1	812	14440	2938	2010	122
BHC18GTP-002	2018/07/12	1596195	90	-1	-1	528	15011	7973	3436	129
BHC18GTP-002	2018/07/12	1596196	95	-1	-1	427	11268	3284	2043	95
BHC18GTP-002	2018/07/12	1596197	100	-1	-1	459	10462	2675	2077	95
BHC18GTP-002	2018/07/12	1596198	105	-1	-1	581	14294	2251	1725	115
BHC18GTP-002	2018/07/12	1596199	110	-1	-1	575	11368	2221	1316	91
BHC18GTP-002	2018/07/12	1596200	115	-1	-1	452	6203	2500	1353	54
BHC18GTP-002	2018/07/12	1596201	120	-1	-1	634	12605	2619	1833	113
BHC18GTP-002	2018/07/12	1596202	125	-1	-1	476	9516	4757	4316	132
BHC18GTP-002	2018/07/12	1596203	130	-1	-1	777	16518	2554	3362	135
BHC18GTP-002	2018/07/12	1596204	135	-1	-1	443	11913	3242	2117	107
BHC18GTP-002	2018/07/12	1596205	140	-1	-1	362	12321	2970	1931	98
BHC18GTP-002	2018/07/12	1596206	145	-1	-1	453	7626	2286	1646	80
BHC18GTP-002	2018/07/12	1596207	150	-1	-1	538	12874	2836	1783	105
BHC18GTP-002	2018/07/12	1596208	155	-1	-1	651	14246	2533	2035	126
BHC18GTP-002	2018/07/12	1596209	160	-1	-1	471	11989	2630	1932	131
BHC18GTP-002	2018/07/12	1596210	165	-1	-1	498	13270	2502	2612	121
BHC18GTP-002	2018/07/12	1596211	170	-1	-1	418	12194	2361	2163	141
BHC18GTP-002	2018/07/12	1596212	175	-1	-1	408	11761	2303	1836	117
BHC18GTP-002	2018/07/12	1596213	180	-1	-1	485	10334	3195	2357	100
BHC18GTP-002	2018/07/12	1596214	185	-1	-1	371	9962	3460	2121	97
BHC18GTP-002	2018/07/12	1596215	190	-1	-1	433	8184	2607	1707	85
BHC18GTP-002	2018/07/12	1596216	195	-1	-1	489	9871	2797	1690	109
BHC18GTP-002	2018/07/12	1596217	200	-1	-1	553	9243	3459	2275	112
BHC18GTP-002	2018/07/12	1596218	205	-1	-1	371	9073	2794	1979	103
BHC18GTP-002	2018/07/12	1596219	210	-1	-1	479	10063	2750	1743	99
BHC18GTP-002	2018/07/12	1596220	215	-1	-1	465	11689	2835	2120	121
BHC18GTP-002	2018/07/12	1596221	220	-1	-1	576	13172	3022	2487	119
BHC18GTP-002	2018/07/12	1596222	225	-1	-1	619	11890	2577	1773	109
BHC18GTP-002	2018/07/12	1596223	230	-1	-1	747	13381	2354	2032	113
BHC18GTP-002	2018/07/12	1596224	235	-1	-1	724	13103	3705	2465	117
BHC18GTP-002	2018/07/12	1596225	240	-1	-1	434	9794	3833	2541	106
BHC18GTP-002	2018/07/12	1596227	245	-1	-1	641	12311	2666	1960	120
BHC18GTP-002	2018/07/12	1596228	250	-1	-1	509	14015	7836	1702	110
BHC18GTP-003	2018/07/13	1596251	0	-1	-1	451	20545	8338	3910	140
BHC18GTP-003	2018/07/13	1596251	0	-1	-1	451	20545	8338	3910	140
BHC18GTP-003	2018/07/13	1596252	5	-1	-1	462	23099	14019	4346	161
BHC18GTP-003	2018/07/13	1596252	5	-1	-1	462	23099	14019	4346	161
BHC18GTP-003	2018/07/13	1596253	10	-1	-1	382	20942	4871	3389	133
BHC18GTP-003	2018/07/13	1596253	10	-1	-1	382	20942	4871	3389	133
BHC18GTP-003	2018/07/13	1596254	15	-1	-1	549	17338	4245	2766	128
BHC18GTP-003	2018/07/13	1596254	15	-1	-1	549	17338	4245	2766	128

sample_id	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Se	Rb	Sr	Y	Zr	Nb
1596190	44	296	9010	-1	26	-1	22	-1	-1	70.5	115	20.3	194	13.8
1596191	30	303	11555	-1	28	-1	29	-1	-1	88.1	110	11.1	186	14.1
1596192	64	292	15896	-1	43	13	32	-1	-1	101	84	22.5	237	11.8
1596193	43	290	14765	-1	45	15	41	-1	3.2	92	120	20.4	245	14.3
1596194	46	280	11831	-1	36	12	29	-1	-1	88.5	99	14.6	216	14.4
1596195	92	448	26009	-1	67	22	54	-1	-1	106	132	30	215	8.1
1596196	36	314	12921	-1	45	12	36	-1	-1	82	109	19.1	225	12.9
1596197	34	251	10921	-1	37	-1	29	-1	-1	88	92	20	220	13.5
1596198	51	169	10791	-1	23	27	29	-1	-1	79.5	90	19.5	167	12.9
1596199	37	194	6612	-1	34	-1	22	-1	-1	69.9	68	24.3	219	11.7
1596200	27	272	6251	-1	23	-1	20	-1	-1	31	87	12.6	193	10.1
1596201	52	244	11619	-1	31	-1	28	-1	-1	60.9	119	20.4	247	10.3
1596202	74	412	20517	-1	49	14	39	-1	-1	53.3	126	23.5	322	12.7
1596203	103	460	23684	-1	52	41	39	-1	-1	148	89	27	158	9.1
1596204	36	251	13101	-1	37	14	30	-1	-1	71.8	131	19.1	231	13.6
1596205	41	252	12730	-1	40	-1	36	-1	-1	65.5	113	23.6	244	12.8
1596206	46	237	9569	-1	-1	-1	28	-1	-1	58.3	94	14.3	188	10
1596207	36	226	9796	-1	33	-1	24	-1	-1	74.2	120	21.1	210	11.3
1596208	36	258	12700	-1	41	13	37	-1	-1	83.3	122	19.5	250	16.1
1596209	36	197	8819	-1	39	-1	24	-1	-1	67	121	18.9	197	12
1596210	71	289	16660	-1	57	13	36	-1	-1	99	116	21	242	14.1
1596211	47	219	11843	-1	42	-1	30	-1	-1	70.5	128	18.7	228	11.8
1596212	56	409	15110	-1	32	15	24	-1	-1	86.3	101	24	233	12.1
1596213	43	275	12261	-1	43	-1	34	-1	-1	72.8	110	28.3	223	12.1
1596214	52	247	12303	-1	53	-1	32	-1	-1	67	119	13.3	224	11.6
1596215	34	219	10867	-1	26	13	26	-1	-1	46.2	112	17.4	193	11.5
1596216	38	154	7792	-1	56	-1	23	-1	-1	53.5	122	25.1	223	10.1
1596217	62	278	13417	-1	27	17	34	5.1	-1	52.7	122	18.3	201	14
1596218	37	218	11697	-1	65	15	30	-1	-1	59.8	128	22.4	244	12.1
1596219	40	303	10921	-1	40	18	29	5.5	-1	61.9	124	21.4	264	15
1596220	42	300	14110	-1	70	18	34	-1	-1	84.5	135	20.1	242	13.1
1596221	46	339	15699	-1	44	23	34	5	-1	74.7	134	23.5	254	12.9
1596222	41	275	10737	-1	30	-1	34	-1	-1	76.1	133	17	223	12.4
1596223	41	314	13744	-1	35	20	31	-1	-1	79	127	15.7	250	12.5
1596224	55	336	16106	-1	47	21	40	-1	-1	78.3	141	23.4	289	12.4
1596225	52	261	16877	-1	43	13	34	5.4	-1	63.6	132	19.6	239	10.7
1596227	41	226	11777	-1	33	-1	26	-1	-1	67	128	20.8	216	13.9
1596228	37	381	11694	-1	34	10	33	-1	-1	70.5	136	21.7	221	12.3
1596251	75	748	33579	-1	63	29	64	-1	-1	133	103	36	218	12.8
1596251	75	748	33579	-1	63	29	64	-1	-1	133	103	36	218	12.8
1596252	68	740	37695	-1	80	18	66	-1	-1	131	75	39	187	11.1
1596252	68	740	37695	-1	80	18	66	-1	-1	131	75	39	187	11.1
1596253	46	449	23708	-1	29	14	43	-1	-1	129	90	19	233	12
1596253	46	449	23708	-1	29	14	43	-1	-1	129	90	19	233	12
1596254	33	426	20393	-1	32	20	41	-1	-1	110	103	21	221	13.8
1596254	33	426	20393	-1	32	20	41	-1	-1	110	103	21	221	13.8

sample_id	Mo	Ag	Cd	Sn	Sb	Ba	W	Au	Hg	Pb	Bi	Th	U
1596190	-1	-1	-1	-1	-1		-1	-1	-1	6.7	-1	107	-1
1596191	-1	-1	-1	-1	-1		-1	-1	-1	9.8	-1	76	-1
1596192	-1	-1	-1	-1	-1		-1	-1	-1	12	-1	100	-1
1596193	-1	-1	-1	-1	-1		-1	-1	-1	15	-1	68	-1
1596194	-1	-1	-1	-1	-1		-1	-1	-1	-1	-1	80	-1
1596195	-1	-1	-1	-1	-1		-1	-1	-1	11	-1	51	-1
1596196	-1	-1	-1	-1	-1		-1	-1	-1	19	-1	-1	-1
1596197	-1	-1	-1	-1	-1		-1	-1	-1	15	-1	77	-1
1596198	16.4	-1	-1	-1	-1		-1	-1	-1	100	-1	87	-1
1596199	-1	-1	-1	-1	-1		-1	-1	-1	8.6	-1	51	-1
1596200	-1	-1	-1	-1	-1		-1	-1	-1	7.8	-1	66	8
1596201	-1	-1	-1	-1	-1		-1	-1	-1	11.7	-1	64	-1
1596202	-1	-1	-1	-1	-1		-1	-1	-1	14.2	-1	61	-1
1596203	-1	-1	-1	-1	-1		-1	-1	-1	-1	-1	65	-1
1596204	-1	-1	-1	-1	-1		-1	-1	-1	10.4	-1	94	-1
1596205	-1	-1	-1	-1	-1		-1	-1	-1	10.3	-1	83	-1
1596206	-1	-1	-1	-1	-1		-1	-1	-1	-1	-1	54	-1
1596207	-1	-1	-1	-1	-1		-1	-1	-1	8.5	-1	74	-1
1596208	-1	-1	-1	-1	-1		-1	-1	-1	10	-1	70	-1
1596209	-1	-1	-1	-1	-1		-1	-1	-1	27	-1	70	-1
1596210	-1	-1	-1	-1	-1		-1	-1	-1	38	-1	87	-1
1596211	-1	-1	-1	-1	-1		-1	-1	-1	23	-1	68	-1
1596212	-1	-1	-1	-1	-1		-1	-1	-1	66	-1	110	-1
1596213	-1	-1	-1	-1	-1		-1	-1	-1	21	-1	88	-1
1596214	-1	-1	-1	-1	-1		-1	-1	-1	10.5	-1	83	-1
1596215	-1	-1	-1	-1	-1		-1	-1	-1	10.4	-1	49	-1
1596216	-1	-1	-1	38	-1		-1	-1	-1	9.1	-1	57	-1
1596217	-1	-1	-1	-1	-1		-1	-1	-1	11	-1	-1	-1
1596218	-1	-1	-1	-1	-1		-1	-1	-1	16	-1	70	-1
1596219	-1	-1	-1	-1	-1		-1	-1	-1	9.9	-1	88	-1
1596220	-1	-1	-1	-1	-1		-1	-1	-1	12	-1	70	-1
1596221	-1	-1	-1	-1	-1		-1	-1	-1	10.1	-1	65	-1
1596222	-1	-1	-1	-1	-1		-1	-1	-1	10.7	-1	65	-1
1596223	-1	-1	-1	-1	-1		-1	-1	9	10	-1	78	-1
1596224	-1	-1	-1	-1	-1		-1	-1	-1	12	-1	40	-1
1596225	-1	-1	-1	-1	-1		-1	-1	-1	10.8	-1	-1	-1
1596227	-1	-1	-1	-1	-1		-1	-1	-1	7.7	-1	62	-1
1596228	-1	-1	-1	-1	-1		-1	-1	-1	12	-1	69	-1
1596251	-1	-1	-1	-1	-1		-1	-1	-1	20	-1	82	-1
1596251	-1	-1	-1	-1	-1		-1	-1	-1	20	-1	82	-1
1596252	-1	-1	-1	-1	-1		-1	-1	-1	9	-1	50	-1
1596252	-1	-1	-1	-1	-1		-1	-1	-1	9	-1	50	-1
1596253	-1	-1	-1	-1	-1		-1	-1	-1	13	-1	88	-1
1596253	-1	-1	-1	-1	-1		-1	-1	-1	13	-1	88	-1
1596254	-1	-1	-1	-1	-1		-1	-1	-1	18	-1	82	-1
1596254	-1	-1	-1	-1	-1		-1	-1	-1	18	-1	82	-1

line_id	date	sample_id	distance	P	S	Cl	K	Ca	Ti	V
BHC18GTP-003	2018/07/13	1596255	20	-1	-1	550	19105	3253	2748	133
BHC18GTP-003	2018/07/13	1596255	20	-1	-1	550	19105	3253	2748	133
BHC18GTP-003	2018/07/13	1596256	25	-1	-1	559	20213	4058	3717	157
BHC18GTP-003	2018/07/13	1596256	25	-1	-1	559	20213	4058	3717	157
BHC18GTP-003	2018/07/13	1596257	30	-1	-1	438	23087	5849	3788	147
BHC18GTP-003	2018/07/13	1596257	30	-1	-1	438	23087	5849	3788	147
BHC18GTP-003	2018/07/13	1596258	35	-1	-1	346	15069	4454	3081	117
BHC18GTP-003	2018/07/13	1596258	35	-1	-1	346	15069	4454	3081	117
BHC18GTP-003	2018/07/13	1596259	40	-1	-1	452	19608	3659	2799	129
BHC18GTP-003	2018/07/13	1596259	40	-1	-1	452	19608	3659	2799	129
BHC18GTP-003	2018/07/13	1596260	45	-1	-1	406	18296	3114	2529	121
BHC18GTP-003	2018/07/13	1596260	45	-1	-1	406	18296	3114	2529	121
BHC18GTP-003	2018/07/13	1596261	50	-1	-1	389	17556	4726	2562	132
BHC18GTP-003	2018/07/13	1596261	50	-1	-1	389	17556	4726	2562	132
BHC18GTP-003	2018/07/13	1596262	55	-1	-1	484	16532	4055	2337	123
BHC18GTP-003	2018/07/13	1596262	55	-1	-1	484	16532	4055	2337	123
BHC18GTP-003	2018/07/13	1596263	60	-1	-1	389	13384	3173	2105	102
BHC18GTP-003	2018/07/13	1596263	60	-1	-1	389	13384	3173	2105	102
BHC18GTP-003	2018/07/13	1596264	65	-1	834	537	18184	3172	3295	133
BHC18GTP-003	2018/07/13	1596264	65	-1	834	537	18184	3172	3295	133
BHC18GTP-003	2018/07/13	1596265	70	-1	853	644	19284	3576	3104	130
BHC18GTP-003	2018/07/13	1596265	70	-1	853	644	19284	3576	3104	130
BHC18GTP-003	2018/07/13	1596266	75	-1	-1	485	23042	5269	3624	146
BHC18GTP-003	2018/07/13	1596266	75	-1	-1	485	23042	5269	3624	146
BHC18GTP-003	2018/07/13	1596267	80	-1	-1	492	17378	3090	2506	119
BHC18GTP-003	2018/07/13	1596267	80	-1	-1	492	17378	3090	2506	119
BHC18GTP-003	2018/07/14	1596268	85	-1	601	432	15191	3467	2171	118
BHC18GTP-003	2018/07/14	1596268	85	-1	601	432	15191	3467	2171	118
BHC18GTP-003	2018/07/14	1596269	90	-1	-1	483	20858	4747	2993	145
BHC18GTP-003	2018/07/14	1596269	90	-1	-1	483	20858	4747	2993	145
BHC18GTP-003	2018/07/14	1596270	95	-1	-1	556	19560	3766	2592	152
BHC18GTP-003	2018/07/14	1596270	95	-1	-1	556	19560	3766	2592	152
BHC18GTP-003	2018/07/14	1596271	100	-1	-1	514	23878	3420	2642	137
BHC18GTP-003	2018/07/14	1596271	100	-1	-1	514	23878	3420	2642	137
BHC18GTP-003	2018/07/14	1596272	105	-1	-1	434	19316	4040	2835	168
BHC18GTP-003	2018/07/14	1596272	105	-1	-1	434	19316	4040	2835	168
BHC18GTP-003	2018/07/14	1596273	110	-1	-1	450	16618	3877	2186	112
BHC18GTP-003	2018/07/14	1596273	110	-1	-1	450	16618	3877	2186	112
BHC18GTP-003	2018/07/14	1596274	115	-1	-1	342	14500	3269	1803	96
BHC18GTP-003	2018/07/14	1596274	115	-1	-1	342	14500	3269	1803	96
BHC18GTP-003	2018/07/14	1596275	120	-1	-1	631	10572	1966	1866	103
BHC18GTP-003	2018/07/14	1596275	120	-1	-1	631	10572	1966	1866	103
BHC18GTP-003	2018/07/14	1596277	125	-1	-1	389	9117	2715	1526	80
BHC18GTP-003	2018/07/14	1596277	125	-1	-1	389	9117	2715	1526	80
BHC18GTP-003	2018/07/14	1596278	130	-1	-1	533	13461	2927	1746	103
BHC18GTP-003	2018/07/14	1596278	130	-1	-1	533	13461	2927	1746	103

sample_id	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Se	Rb	Sr	Y	Zr	Nb
1596255	36	415	19971	-1	27	22	53	-1	-1	122	106	25	251	12.8
1596255	36	415	19971	-1	27	22	53	-1	-1	122	106	25	251	12.8
1596256	81	750	28635	-1	44	17	60	-1	-1	145	96	22	205	11.9
1596256	81	750	28635	-1	44	17	60	-1	-1	145	96	22	205	11.9
1596257	54	723	26089	-1	52	13	55	-1	-1	144	76	19	227	8
1596257	54	723	26089	-1	52	13	55	-1	-1	144	76	19	227	8
1596258	47	427	21226	-1	22	12	38	-1	-1	100	96	20	222	12.4
1596258	47	427	21226	-1	22	12	38	-1	-1	100	96	20	222	12.4
1596259	35	402	19730	-1	36	-1	46	-1	-1	128	103	18	243	13.5
1596259	35	402	19730	-1	36	-1	46	-1	-1	128	103	18	243	13.5
1596260	46	411	18464	-1	38	12	41	-1	-1	119	116	24	237	16.7
1596260	46	411	18464	-1	38	12	41	-1	-1	119	116	24	237	16.7
1596261	65	507	20348	-1	49	21	52	-1	-1	121	100	24	192	14.4
1596261	65	507	20348	-1	49	21	52	-1	-1	121	100	24	192	14.4
1596262	52	533	18427	-1	51	23	50	-1	-1	121	89	27	232	7
1596262	52	533	18427	-1	51	23	50	-1	-1	121	89	27	232	7
1596263	43	347	14833	-1	47	17	46	5.6	-1	96	109	22.4	230	14.4
1596263	43	347	14833	-1	47	17	46	5.6	-1	96	109	22.4	230	14.4
1596264	38	530	24871	-1	58	18	61	-1	-1	139	95	27	278	13.4
1596264	38	530	24871	-1	58	18	61	-1	-1	139	95	27	278	13.4
1596265	52	445	23217	-1	51	19	54	-1	-1	147	95	24	253	10
1596265	52	445	23217	-1	51	19	54	-1	-1	147	95	24	253	10
1596266	79	558	30762	-1	56	33	66	-1	-1	165	91	28	247	14.8
1596266	79	558	30762	-1	56	33	66	-1	-1	165	91	28	247	14.8
1596267	44	431	17978	-1	39	22	45	-1	-1	135	93	23	206	8.9
1596267	44	431	17978	-1	39	22	45	-1	-1	135	93	23	206	8.9
1596268	43	354	15960	-1	33	12	43	-1	-1	113	106	20	214	10
1596268	43	354	15960	-1	33	12	43	-1	-1	113	106	20	214	10
1596269	71	592	27033	-1	41	23	55	-1	-1	172	77	30	213	10.5
1596269	71	592	27033	-1	41	23	55	-1	-1	172	77	30	213	10.5
1596270	42	391	18178	-1	22	15	44	-1	-1	124	105	25	225	12
1596270	42	391	18178	-1	22	15	44	-1	-1	124	105	25	225	12
1596271	61	471	20756	-1	31	20	47	-1	-1	144	107	20	218	12.9
1596271	61	471	20756	-1	31	20	47	-1	-1	144	107	20	218	12.9
1596272	88	534	24751	-1	56	11	51	-1	-1	165	103	22	284	10.7
1596272	88	534	24751	-1	56	11	51	-1	-1	165	103	22	284	10.7
1596273	52	334	15008	-1	29	19	36	7	-1	121	113	20	242	11.7
1596273	52	334	15008	-1	29	19	36	7	-1	121	113	20	242	11.7
1596274	39	258	13302	-1	33	11	31	-1	-1	107	103	16	223	14.7
1596274	39	258	13302	-1	33	11	31	-1	-1	107	103	16	223	14.7
1596275	48	233	15751	-1	28	19	30	-1	-1	77.7	106	22.5	213	11.3
1596275	48	233	15751	-1	28	19	30	-1	-1	77.7	106	22.5	213	11.3
1596277	41	273	9480	-1	32	12	34	-1	-1	52.8	104	22.7	245	11.2
1596277	41	273	9480	-1	32	12	34	-1	-1	52.8	104	22.7	245	11.2
1596278	54	284	11721	-1	28	-1	24	-1	-1	81.2	122	17	258	13.2
1596278	54	284	11721	-1	28	-1	24	-1	-1	81.2	122	17	258	13.2

sample_id	Mo	Ag	Cd	Sn	Sb	Ba	W	Au	Hg	Pb	Bi	Th	U
1596255	-1	-1	-1	-1	-1		-1	-1	-1	19	-1	83	-1
1596255	-1	-1	-1	-1	-1		-1	-1	-1	19	-1	83	-1
1596256	-1	-1	-1	-1	-1		-1	-1	-1	16	-1	77	-1
1596256	-1	-1	-1	-1	-1		-1	-1	-1	16	-1	77	-1
1596257	-1	-1	-1	-1	-1		-1	-1	-1	14	28	72	-1
1596257	-1	-1	-1	-1	-1		-1	-1	-1	14	28	72	-1
1596258	-1	-1	-1	-1	-1		27	-1	-1	13	-1	87	-1
1596258	-1	-1	-1	-1	-1		27	-1	-1	13	-1	87	-1
1596259	-1	-1	-1	-1	-1		-1	-1	-1	24	-1	65	-1
1596259	-1	-1	-1	-1	-1		-1	-1	-1	24	-1	65	-1
1596260	-1	-1	-1	-1	-1		-1	-1	-1	21	-1	99	-1
1596260	-1	-1	-1	-1	-1		-1	-1	-1	21	-1	99	-1
1596261	-1	-1	-1	-1	-1		-1	-1	-1	21	-1	75	-1
1596261	-1	-1	-1	-1	-1		-1	-1	-1	21	-1	75	-1
1596262	-1	-1	-1	-1	-1		-1	-1	-1	24	-1	66	-1
1596262	-1	-1	-1	-1	-1		-1	-1	-1	24	-1	66	-1
1596263	-1	-1	-1	-1	-1		-1	-1	-1	19	-1	79	-1
1596263	-1	-1	-1	-1	-1		-1	-1	-1	19	-1	79	-1
1596264	-1	-1	-1	-1	-1		-1	-1	-1	20	-1	82	-1
1596264	-1	-1	-1	-1	-1		-1	-1	-1	20	-1	82	-1
1596265	-1	-1	-1	-1	-1		-1	-1	-1	19	-1	75	-1
1596265	-1	-1	-1	-1	-1		-1	-1	-1	19	-1	75	-1
1596266	-1	-1	-1	-1	-1		-1	-1	-1	28	-1	83	-1
1596266	-1	-1	-1	-1	-1		-1	-1	-1	28	-1	83	-1
1596267	-1	-1	-1	-1	-1		-1	-1	-1	19	-1	74	-1
1596267	-1	-1	-1	-1	-1		-1	-1	-1	19	-1	74	-1
1596268	-1	-1	-1	-1	-1		-1	-1	-1	21	-1	64	-1
1596268	-1	-1	-1	-1	-1		-1	-1	-1	21	-1	64	-1
1596269	-1	-1	-1	-1	-1		-1	-1	-1	16	-1	84	-1
1596269	-1	-1	-1	-1	-1		-1	-1	-1	16	-1	84	-1
1596270	-1	-1	-1	-1	-1		-1	-1	-1	22	-1	79	-1
1596270	-1	-1	-1	-1	-1		-1	-1	-1	22	-1	79	-1
1596271	-1	-1	-1	-1	-1		-1	-1	-1	26	-1	91	-1
1596271	-1	-1	-1	-1	-1		-1	-1	-1	26	-1	91	-1
1596272	-1	-1	-1	-1	-1		-1	-1	-1	17	-1	124	-1
1596272	-1	-1	-1	-1	-1		-1	-1	-1	17	-1	124	-1
1596273	-1	-1	-1	-1	-1		-1	-1	-1	15	-1	89	-1
1596273	-1	-1	-1	-1	-1		-1	-1	-1	15	-1	89	-1
1596274	-1	-1	-1	-1	-1		-1	-1	-1	22	-1	58	-1
1596274	-1	-1	-1	-1	-1		-1	-1	-1	22	-1	58	-1
1596275	-1	-1	-1	-1	-1		-1	-1	-1	57	-1	65	-1
1596275	-1	-1	-1	-1	-1		-1	-1	-1	57	-1	65	-1
1596277	-1	-1	-1	-1	-1		-1	9	-1	44	-1	78	-1
1596277	-1	-1	-1	-1	-1		-1	9	-1	44	-1	78	-1
1596278	-1	-1	-1	-1	-1		-1	-1	-1	18	-1	82	-1
1596278	-1	-1	-1	-1	-1		-1	-1	-1	18	-1	82	-1

line_id	date	sample_id	distance	P	S	Cl	K	Ca	Ti	V
BHC18GTP-003	2018/07/14	1596279	135	-1	-1	569	11775	2878	1505	103
BHC18GTP-003	2018/07/14	1596279	135	-1	-1	569	11775	2878	1505	103
BHC18GTP-003	2018/07/14	1596280	140	-1	-1	412	15284	2615	2045	136
BHC18GTP-003	2018/07/14	1596280	140	-1	-1	412	15284	2615	2045	136
BHC18GTP-003	2018/07/14	1596281	145	-1	-1	399	13562	2945	1814	110
BHC18GTP-003	2018/07/14	1596281	145	-1	-1	399	13562	2945	1814	110
BHC18GTP-003	2018/07/14	1596282	150	-1	-1	569	18988	1508	3611	178
BHC18GTP-003	2018/07/14	1596282	150	-1	-1	569	18988	1508	3611	178
BHC18GTP-003	2018/07/14	1596283	155	-1	-1	334	9753	2665	1473	92
BHC18GTP-003	2018/07/14	1596283	155	-1	-1	334	9753	2665	1473	92
BHC18GTP-003	2018/07/14	1596284	160	-1	-1	547	10991	1937	1619	111
BHC18GTP-003	2018/07/14	1596284	160	-1	-1	547	10991	1937	1619	111
BHC18GTP-003	2018/07/14	1596285	165	-1	-1	828	10889	2720	1750	108
BHC18GTP-003	2018/07/14	1596285	165	-1	-1	828	10889	2720	1750	108
BHC18GTP-003	2018/07/14	1596286	170	-1	-1	414	9627	2810	1932	97
BHC18GTP-003	2018/07/14	1596286	170	-1	-1	414	9627	2810	1932	97
BHC18GTP-003	2018/07/14	1596287	175	-1	-1	685	8022	2675	1706	86
BHC18GTP-003	2018/07/14	1596287	175	-1	-1	685	8022	2675	1706	86
BHC18GTP-003	2018/07/14	1596288	180	-1	-1	546	11821	3603	1931	104
BHC18GTP-003	2018/07/14	1596288	180	-1	-1	546	11821	3603	1931	104
BHC18GTP-003	2018/07/14	1596289	185	-1	-1	472	8784	3004	1693	75
BHC18GTP-003	2018/07/14	1596289	185	-1	-1	472	8784	3004	1693	75
BHC18GTP-003	2018/07/14	1596290	190	-1	-1	417	10436	2992	1556	94
BHC18GTP-003	2018/07/14	1596290	190	-1	-1	417	10436	2992	1556	94
BHC18GTP-003	2018/07/14	1596291	195	-1	-1	555	10193	3518	1983	98
BHC18GTP-003	2018/07/14	1596291	195	-1	-1	555	10193	3518	1983	98
BHC18GTP-003	2018/07/14	1596292	200	-1	-1	445	9128	3361	1780	84
BHC18GTP-003	2018/07/14	1596292	200	-1	-1	445	9128	3361	1780	84
BHC18GTP-003	2018/07/14	1596293	205	-1	-1	543	9572	3384	1982	85
BHC18GTP-003	2018/07/14	1596293	205	-1	-1	543	9572	3384	1982	85
BHC18GTP-003	2018/07/14	1596294	210	-1	-1	332	11832	3131	1871	93
BHC18GTP-003	2018/07/14	1596294	210	-1	-1	332	11832	3131	1871	93
BHC18GTP-003	2018/07/14	1596295	215	-1	-1	465	9516	3607	1632	90
BHC18GTP-003	2018/07/14	1596295	215	-1	-1	465	9516	3607	1632	90
BHC18GTP-003	2018/07/14	1596296	220	-1	-1	456	10165	3186	1782	97
BHC18GTP-003	2018/07/14	1596296	220	-1	-1	456	10165	3186	1782	97
BHC18GTP-003	2018/07/14	1596297	225	-1	-1	427	8726	3066	1615	86
BHC18GTP-003	2018/07/14	1596297	225	-1	-1	427	8726	3066	1615	86
BHC18GTP-003	2018/07/14	1596298	230	-1	-1	382	9949	2974	1764	86
BHC18GTP-003	2018/07/14	1596298	230	-1	-1	382	9949	2974	1764	86
BHC18GTP-003	2018/07/14	1596299	235	-1	-1	309	9092	3045	1703	92
BHC18GTP-003	2018/07/14	1596299	235	-1	-1	309	9092	3045	1703	92
BHC18GTP-003	2018/07/14	1596300	240	-1	-1	450	9625	2766	1496	72
BHC18GTP-003	2018/07/14	1596300	240	-1	-1	450	9625	2766	1496	72
BHC18GTP-003	2018/07/14	1596301	245	-1	-1	656	8752	4060	1802	90
BHC18GTP-003	2018/07/14	1596301	245	-1	-1	656	8752	4060	1802	90

sample_id	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Se	Rb	Sr	Y	Zr	Nb
1596279	53	233	9557	-1	31	-1	25	-1	-1	71.6	123	19	230	13.3
1596279	53	233	9557	-1	31	-1	25	-1	-1	71.6	123	19	230	13.3
1596280	63	384	12854	-1	56	-1	35	-1	-1	99	132	18.1	252	15.9
1596280	63	384	12854	-1	56	-1	35	-1	-1	99	132	18.1	252	15.9
1596281	63	328	13180	-1	22	-1	32	-1	-1	85.4	132	18.5	255	13.4
1596281	63	328	13180	-1	22	-1	32	-1	-1	85.4	132	18.5	255	13.4
1596282	85	456	32688	-1	49	21	39	-1	-1	126	143	33	296	12.7
1596282	85	456	32688	-1	49	21	39	-1	-1	126	143	33	296	12.7
1596283	47	241	10999	-1	35	11	33	-1	-1	63.8	122	17.8	250	14.1
1596283	47	241	10999	-1	35	11	33	-1	-1	63.8	122	17.8	250	14.1
1596284	45	418	8735	-1	-1	19	22	-1	-1	62.5	115	16.6	232	10.1
1596284	45	418	8735	-1	-1	19	22	-1	-1	62.5	115	16.6	232	10.1
1596285	46	229	8732	-1	31	11	24	-1	-1	57.8	137	22.6	220	11.7
1596285	46	229	8732	-1	31	11	24	-1	-1	57.8	137	22.6	220	11.7
1596286	32	263	10102	-1	27	-1	28	-1	-1	54.8	125	15.2	237	13.4
1596286	32	263	10102	-1	27	-1	28	-1	-1	54.8	125	15.2	237	13.4
1596287	45	221	9807	-1	36	14	29	-1	-1	45.6	129	17.3	236	15.1
1596287	45	221	9807	-1	36	14	29	-1	-1	45.6	129	17.3	236	15.1
1596288	42	262	9674	-1	42	-1	22	-1	-1	61.4	138	15.4	251	13.9
1596288	42	262	9674	-1	42	-1	22	-1	-1	61.4	138	15.4	251	13.9
1596289	35	234	10212	-1	36	-1	25	-1	-1	54.4	128	13.2	200	12.8
1596289	35	234	10212	-1	36	-1	25	-1	-1	54.4	128	13.2	200	12.8
1596290	32	271	7650	-1	33	10	21	-1	-1	52.7	124	9.4	203	13.9
1596290	32	271	7650	-1	33	10	21	-1	-1	52.7	124	9.4	203	13.9
1596291	42	331	10804	-1	41	16	24	-1	-1	60.7	129	16.6	344	10.9
1596291	42	331	10804	-1	41	16	24	-1	-1	60.7	129	16.6	344	10.9
1596292	30	210	8179	-1	30	-1	16	5.7	-1	52.8	123	14	164	11.4
1596292	30	210	8179	-1	30	-1	16	5.7	-1	52.8	123	14	164	11.4
1596293	38	253	10455	-1	39	-1	26	5	-1	56.6	135	13.3	216	10.3
1596293	38	253	10455	-1	39	-1	26	5	-1	56.6	135	13.3	216	10.3
1596294	40	210	11193	-1	29	14	23	-1	-1	65	124	16.8	218	11
1596294	40	210	11193	-1	29	14	23	-1	-1	65	124	16.8	218	11
1596295	46	199	8687	-1	39	-1	19	-1	-1	63.8	138	16.5	216	13.2
1596295	46	199	8687	-1	39	-1	19	-1	-1	63.8	138	16.5	216	13.2
1596296	49	223	9157	-1	29	14	21	-1	-1	58.3	132	15.9	198	13
1596296	49	223	9157	-1	29	14	21	-1	-1	58.3	132	15.9	198	13
1596297	40	181	8878	-1	50	16	18	-1	-1	48.4	140	17.7	205	13.9
1596297	40	181	8878	-1	50	16	18	-1	-1	48.4	140	17.7	205	13.9
1596298	29	196	9762	-1	32	14	22	-1	-1	53.5	129	14.4	207	13.6
1596298	29	196	9762	-1	32	14	22	-1	-1	53.5	129	14.4	207	13.6
1596299	39	180	8285	-1	34	12	20	-1	-1	50.7	131	19.3	203	11.1
1596299	39	180	8285	-1	34	12	20	-1	-1	50.7	131	19.3	203	11.1
1596300	29	211	7517	-1	42	13	18	-1	-1	47.3	132	12.3	198	13.8
1596300	29	211	7517	-1	42	13	18	-1	-1	47.3	132	12.3	198	13.8
1596301	36	247	10116	-1	56	16	28	-1	-1	48.8	170	18.7	243	13.1
1596301	36	247	10116	-1	56	16	28	-1	-1	48.8	170	18.7	243	13.1

sample_id	Mo	Ag	Cd	Sn	Sb	Ba	W	Au	Hg	Pb	Bi	Th	U
1596279	-1	-1	-1	-1	-1		-1	-1	-1	17	-1	90	-1
1596279	-1	-1	-1	-1	-1		-1	-1	-1	17	-1	90	-1
1596280	-1	-1	-1	-1	-1		-1	-1	-1	22	-1	83	-1
1596280	-1	-1	-1	-1	-1		-1	-1	-1	22	-1	83	-1
1596281	-1	-1	-1	-1	-1		-1	-1	-1	20	-1	67	-1
1596281	-1	-1	-1	-1	-1		-1	-1	-1	20	-1	67	-1
1596282	-1	-1	-1	-1	-1		-1	-1	-1	12	-1	94	-1
1596282	-1	-1	-1	-1	-1		-1	-1	-1	12	-1	94	-1
1596283	-1	-1	-1	-1	-1		-1	-1	-1	19	-1	72	-1
1596283	-1	-1	-1	-1	-1		-1	-1	-1	19	-1	72	-1
1596284	-1	-1	-1	-1	-1		-1	-1	-1	55	-1	75	-1
1596284	-1	-1	-1	-1	-1		-1	-1	-1	55	-1	75	-1
1596285	-1	-1	-1	-1	-1		-1	-1	-1	12	-1	64	-1
1596285	-1	-1	-1	-1	-1		-1	-1	-1	12	-1	64	-1
1596286	-1	-1	-1	-1	-1		-1	-1	-1	10	-1	80	-1
1596286	-1	-1	-1	-1	-1		-1	-1	-1	10	-1	80	-1
1596287	-1	-1	-1	-1	-1		-1	-1	-1	9.9	-1	72	-1
1596287	-1	-1	-1	-1	-1		-1	-1	-1	9.9	-1	72	-1
1596288	-1	-1	-1	-1	-1		-1	-1	-1	15	-1	51	-1
1596288	-1	-1	-1	-1	-1		-1	-1	-1	15	-1	51	-1
1596289	-1	-1	24	-1	-1		-1	-1	-1	8.3	-1	86	-1
1596289	-1	-1	24	-1	-1		-1	-1	-1	8.3	-1	86	-1
1596290	-1	-1	-1	-1	-1		-1	-1	-1	8.7	-1	56	-1
1596290	-1	-1	-1	-1	-1		-1	-1	-1	8.7	-1	56	-1
1596291	-1	-1	-1	-1	-1		-1	-1	-1	13	-1	55	-1
1596291	-1	-1	-1	-1	-1		-1	-1	-1	13	-1	55	-1
1596292	-1	-1	-1	-1	-1		-1	-1	-1	7.1	-1	52	-1
1596292	-1	-1	-1	-1	-1		-1	-1	-1	7.1	-1	52	-1
1596293	-1	-1	-1	-1	-1		-1	-1	-1	9	-1	48	-1
1596293	-1	-1	-1	-1	-1		-1	-1	-1	9	-1	48	-1
1596294	-1	-1	-1	-1	-1		-1	-1	-1	11	-1	90	-1
1596294	-1	-1	-1	-1	-1		-1	-1	-1	11	-1	90	-1
1596295	-1	-1	-1	-1	-1		-1	-1	-1	10.9	-1	82	-1
1596295	-1	-1	-1	-1	-1		-1	-1	-1	10.9	-1	82	-1
1596296	-1	-1	-1	-1	-1		-1	-1	-1	7.3	-1	76	-1
1596296	-1	-1	-1	-1	-1		-1	-1	-1	7.3	-1	76	-1
1596297	-1	-1	-1	-1	-1		-1	-1	-1	7.5	-1	88	-1
1596297	-1	-1	-1	-1	-1		-1	-1	-1	7.5	-1	88	-1
1596298	-1	-1	-1	-1	-1		-1	-1	-1	8.5	-1	87	-1
1596298	-1	-1	-1	-1	-1		-1	-1	-1	8.5	-1	87	-1
1596299	-1	-1	-1	-1	-1		-1	-1	-1	7.1	-1	94	-1
1596299	-1	-1	-1	-1	-1		-1	-1	-1	7.1	-1	94	-1
1596300	-1	-1	-1	-1	-1		-1	-1	-1	7.8	-1	87	-1
1596300	-1	-1	-1	-1	-1		-1	-1	-1	7.8	-1	87	-1
1596301	-1	-1	-1	-1	-1		-1	10	11	14	-1	65	-1
1596301	-1	-1	-1	-1	-1		-1	10	11	14	-1	65	-1

line_id	date	sample_id	distance	P	S	Cl	K	Ca	Ti	V
BHC18GTP-003	2018/07/14	1596302	250	-1	-1	529	8252	3067	1781	72
BHC18GTP-003	2018/07/14	1596302	250	-1	-1	529	8252	3067	1781	72
BHC18GTP-004	2018/07/16	1596303	0	-1	-1	517	26185	3844	3490	92
BHC18GTP-004	2018/07/16	1596304	5	-1	-1	564	17419	2371	2946	102
BHC18GTP-004	2018/07/16	1596305	10	-1	-1	327	28387	3488	3579	118
BHC18GTP-004	2018/07/16	1596306	15	-1	-1	439	35110	983	5335	128
BHC18GTP-004	2018/07/16	1596307	20	-1	-1	375	33117	699	4974	107
BHC18GTP-004	2018/07/16	1596308	25	-1	-1	612	31085	1264	4612	164
BHC18GTP-004	2018/07/16	1596309	30	-1	773	505	26977	-1	3730	93
BHC18GTP-004	2018/07/16	1596310	35	-1	-1	839	11581	-1	1547	74
BHC18GTP-004	2018/07/16	1596311	40	-1	-1	397	16385	1451	3132	96
BHC18GTP-004	2018/07/16	1596312	45	-1	-1	586	22042	4439	3373	102
BHC18GTP-004	2018/07/16	1596313	50	-1	-1	952	22555	1802	3883	166
BHC18GTP-004	2018/07/16	1596314	55	-1	-1	567	17388	3653	3712	115
BHC18GTP-004	2018/07/16	1596315	60	-1	-1	500	19979	2180	3193	69
BHC18GTP-004	2018/07/16	1596316	65	-1	742	331	27916	427	3177	79
BHC18GTP-004	2018/07/16	1596317	70	-1	1068	440	33293	1710	4277	107
BHC18GTP-004	2018/07/16	1596318	75	-1	-1	264	35093	465	4227	123
BHC18GTP-004	2018/07/16	1596319	80	-1	-1	427	35981	796	4147	136
BHC18GTP-004	2018/07/16	1596320	85	-1	2061	364	31855	871	3473	81
BHC18GTP-004	2018/07/16	1596321	90	-1	-1	511	32277	526	4047	93
BHC18GTP-004	2018/07/16	1596322	95	-1	-1	590	29892	715	3868	75
BHC18GTP-004	2018/07/16	1596323	100	-1	839	340	28306	1354	3760	88
BHC18GTP-004	2018/07/16	1596324	105	-1	-1	587	29127	-1	3744	81
BHC18GTP-004	2018/07/16	1596325	110	-1	-1	392	18658	-1	2745	65
BHC18GTP-004	2018/07/16	1596327	115	-1	1276	369	31092	-1	3816	86
BHC18GTP-004	2018/07/16	1596328	120	-1	-1	382	20759	3922	3136	67
BHC18GTP-004	2018/07/16	1596329	125	-1	-1	349	25868	4390	3279	94
BHC18GTP-004	2018/07/16	1596330	130	-1	-1	483	27812	444	3781	74
BHC18GTP-004	2018/07/16	1596331	135	-1	-1	474	32769	1101	3982	88
BHC18GTP-004	2018/07/16	1596332	140	-1	1134	486	32145	737	3733	95
BHC18GTP-004	2018/07/16	1596333	145	-1	-1	534	20352	1146	2808	83
BHC18GTP-004	2018/07/16	1596334	150	-1	-1	495	33276	3128	4829	86
BHC18GTP-004	2018/07/16	1596335	155	-1	-1	412	29561	2752	4060	89
BHC18GTP-004	2018/07/16	1596336	160	-1	1033	499	26340	4542	3695	93
BHC18GTP-004	2018/07/16	1596337	165	-1	-1	547	31456	2021	4129	133
BHC18GTP-004	2018/07/16	1596338	170	-1	-1	413	25529	2136	3571	86
BHC18GTP-004	2018/07/16	1596339	175	-1	-1	517	40925	-1	5086	145
BHC18GTP-004	2018/07/16	1596340	180	10164	-1	-1	30407	-1	5265	129
BHC18GTP-004	2018/07/16	1596341	185	-1	-1	-1	26913	7520	4227	94
BHC18GTP-004	2018/07/16	1596342	190	-1	-1	517	22417	7574	4202	102
BHC18GTP-004	2018/07/16	1596343	195	-1	-1	524	16534	10547	3366	85
BHC18GTP-004	2018/07/16	1596344	200	-1	-1	409	16538	7952	2909	84
BHC18GTP-004	2018/07/16	1596345	205	-1	-1	403	17536	12610	5899	125
BHC18GTP-004	2018/07/16	1596346	210	-1	-1	395	32903	2919	4140	125
BHC18GTP-004	2018/07/16	1596347	215	-1	-1	364	21430	4647	3711	90

sample_id	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Se	Rb	Sr	Y	Zr	Nb
1596302	36	403	9528	-1	32	-1	25	-1	-1	48.4	130	16	228	13.1
1596302	36	403	9528	-1	32	-1	25	-1	-1	48.4	130	16	228	13.1
1596303	58	487	33509	-1	49	24	75	-1	-1	154	86	25	330	23
1596304	60	507	28881	-1	57	20	87	-1	-1	141	61	33	223	16.2
1596305	77	474	29085	-1	61	27	63	8	-1	175	91	27	261	20.6
1596306	86	1597	46984	-1	96	60	99	-1	-1	165	89	33	189	21
1596307	52	884	45126	-1	74	34	92	-1	-1	166	98	37	194	18
1596308	106	919	42479	-1	80	39	87	9	-1	168	90	30	225	21
1596309	77	770	30257	-1	59	36	57	7	-1	137	38	33	341	18.3
1596310	-1	2458	42959	-1	55	129	59	32	-1	35.9	16	24	51	-1
1596311	60	509	24046	-1	51	33	68	16.1	-1	106	51	13.8	220	17.4
1596312	55	479	32977	-1	57	23	83	39	-1	154	67	20	278	17.3
1596313	58	711	38379	-1	58	21	134	77	-1	123	66	19	254	24
1596314	53	779	28487	-1	60	20	60	48	-1	101	87	27	333	18.6
1596315	57	1172	31716	-1	104	30	126	144	-1	141	53	19	262	19.2
1596316	61	201	14817	-1	-1	19	23	77	-1	152	54	16	321	18.1
1596317	82	414	24916	-1	44	31	89	17	-1	199	98	28	302	25.3
1596318	81	464	27143	-1	43	37	100	21	-1	207	33	32	271	25
1596319	71	475	36939	-1	61	25	177	23	-1	196	58	38	268	28
1596320	56	477	33580	-1	33	17	60	28	-1	144	55	9	289	17.5
1596321	70	1136	41742	-1	70	25	121	19	-1	207	45	37	257	21
1596322	27	530	51555	-1	79	23	101	66	-1	177	28	30	295	18
1596323	74	302	28178	-1	58	21	81	50	-1	154	60	28	282	23
1596324	61	530	48727	-1	73	22	104	152	-1	211	43	33	242	13.7
1596325	45	541	25431	-1	59	24	47	190	-1	94	21	28	410	15.1
1596327	56	321	38087	-1	52	38	56	58	-1	165	60	24	205	22
1596328	43	426	26438	-1	45	18	63	11	-1	133	55	24	321	16.6
1596329	59	720	33065	-1	67	17	69	22	-1	176	48	21	218	20.1
1596330	35	528	31558	-1	26	11	84	96	-1	140	28	21	291	20.4
1596331	50	426	50230	-1	85	28	89	47	-1	210	52	36	308	23
1596332	77	597	40873	-1	79	24	88	37	-1	207	89	27	284	24
1596333	68	933	28844	-1	83	22	78	432	-1	152	93	41	284	14.4
1596334	52	770	37594	-1	50	19	89	21	-1	214	76	17	334	25
1596335	64	977	41102	-1	73	23	60	10	-1	188	66	31	446	20
1596336	74	1217	40170	-1	82	22	80	16	-1	168	74	66	242	23
1596337	82	663	39486	-1	71	23	82	18	-1	183	59	43	400	22
1596338	56	909	33332	-1	74	31	76	-1	-1	137	90	34	328	18.4
1596339	106	577	41711	-1	65	42	105	50	-1	248	95	46	231	33
1596340	43	942	103625	-1	120	33	142	46	-1	194	72	51	248	19
1596341	53	827	41872	-1	70	25	92	36	-1	179	113	29	252	29
1596342	75	778	51364	-1	90	27	109	29	-1	164	79	42	215	16
1596343	64	1152	36430	-1	57	33	57	27	-1	151	126	33	229	15.4
1596344	64	834	32487	-1	61	28	35	6.1	-1	139	98	35	336	13.5
1596345	-1	732	46461	-1	38	24	99	23	-1	102	135	27	128	6.4
1596346	80	727	42040	-1	55	22	77	-1	-1	166	48	33	264	20
1596347	43	471	36899	-1	63	16	62	-1	-1	141	71	29	281	17.4

sample_id	Mo	Ag	Cd	Sn	Sb	Ba	W	Au	Hg	Pb	Bi	Th	U
1596302	-1	-1	-1	-1	-1		-1	-1	-1	8.5	-1	61	-1
1596302	-1	-1	-1	-1	-1		-1	-1	-1	8.5	-1	61	-1
1596303	-1	-1	-1	-1	-1		-1	-1	-1	19	-1	70	-1
1596304	-1	-1	-1	-1	-1		-1	-1	-1	31	-1	85	-1
1596305	-1	-1	-1	-1	-1		-1	-1	-1	30	-1	77	-1
1596306	-1	-1	-1	-1	-1		-1	-1	-1	38	-1	73	-1
1596307	-1	-1	-1	-1	-1		-1	-1	-1	28	-1	48	-1
1596308	-1	-1	-1	-1	-1		-1	-1	-1	32	-1	104	-1
1596309	-1	-1	-1	-1	-1		-1	-1	-1	25	-1	72	-1
1596310	19.7	-1	-1	-1	-1		-1	-1	-1	15	-1	40	-1
1596311	-1	-1	-1	-1	-1		-1	-1	-1	15	-1	50	-1
1596312	-1	-1	-1	-1	-1		-1	-1	-1	15	-1	97	-1
1596313	-1	-1	-1	-1	-1		-1	-1	-1	53	-1	65	-1
1596314	-1	-1	-1	-1	-1		-1	-1	-1	32	-1	98	-1
1596315	-1	-1	-1	-1	-1		-1	-1	-1	30	-1	59	-1
1596316	-1	-1	-1	-1	-1		-1	-1	-1	31	-1	71	-1
1596317	-1	-1	-1	-1	-1		-1	-1	-1	35	-1	55	-1
1596318	-1	-1	-1	-1	-1		-1	-1	-1	25	-1	79	10
1596319	-1	-1	-1	-1	-1		-1	-1	-1	42	-1	69	-1
1596320	-1	-1	-1	-1	-1		-1	-1	-1	39	29	66	-1
1596321	-1	-1	-1	-1	-1		-1	-1	13	31	-1	89	-1
1596322	-1	-1	-1	-1	-1		-1	-1	-1	20	-1	57	-1
1596323	-1	-1	-1	-1	-1		-1	-1	-1	23	-1	73	-1
1596324	-1	-1	-1	-1	-1		-1	-1	-1	22	-1	70	-1
1596325	-1	-1	-1	-1	-1		-1	-1	-1	35	-1	47	-1
1596327	-1	-1	-1	-1	-1		-1	-1	-1	36	-1	59	-1
1596328	-1	-1	-1	-1	-1		-1	-1	-1	18	-1	54	-1
1596329	-1	-1	-1	-1	-1		-1	-1	-1	19	-1	67	-1
1596330	-1	-1	-1	-1	-1		-1	-1	-1	18	-1	70	-1
1596331	-1	-1	-1	-1	-1		-1	-1	-1	18	-1	99	-1
1596332	-1	-1	-1	-1	-1		-1	-1	-1	55	-1	89	-1
1596333	-1	-1	-1	-1	-1		-1	-1	-1	29	-1	-1	-1
1596334	-1	-1	-1	-1	-1		-1	-1	-1	30	-1	90	-1
1596335	-1	-1	-1	-1	-1		-1	-1	-1	25	-1	101	-1
1596336	-1	-1	-1	-1	-1		-1	-1	-1	34	-1	64	-1
1596337	-1	-1	-1	-1	-1		-1	-1	-1	29	-1	86	-1
1596338	-1	-1	-1	-1	-1		-1	-1	-1	48	-1	50	-1
1596339	-1	-1	-1	-1	-1		-1	-1	-1	30	-1	103	-1
1596340	11	-1	-1	-1	-1		-1	-1	-1	26	-1	83	-1
1596341	-1	-1	-1	-1	-1		-1	-1	-1	26	-1	81	-1
1596342	-1	-1	-1	-1	-1		-1	-1	13	23	-1	-1	-1
1596343	-1	-1	-1	-1	-1		-1	-1	-1	20	-1	81	-1
1596344	-1	-1	-1	-1	-1		-1	-1	-1	14	-1	63	-1
1596345	-1	-1	-1	-1	-1		-1	-1	-1	167	-1	-1	-1
1596346	-1	-1	-1	-1	-1		-1	-1	-1	14	-1	66	-1
1596347	-1	-1	-1	-1	-1		-1	-1	-1	24	-1	72	-1

line_id	date	sample_id	distance	P	S	Cl	K	Ca	Ti	V
BHC18GTP-004	2018/07/16	1596348	220	-1	-1	468	28503	1345	4158	174
BHC18GTP-004	2018/07/16	1596349	225	-1	-1	368	23074	2144	4636	169
BHC18GTP-004	2018/07/16	1596350	230	-1	-1	452	24711	2219	3542	99
BHC18GTP-004	2018/07/16	1596351	235	-1	-1	311	19847	3393	3688	149
BHC18GTP-004	2018/07/16	1596352	240	-1	-1	472	24758	3415	3045	89
BHC18GTP-004	2018/07/16	1596353	245	-1	-1	289	25390	4657	3074	123
BHC18GTP-004	2018/07/16	1596354	250	-1	-1	416	25335	1948	3994	126
BHC18GTP-004	2018/07/16	1596355	255	-1	-1	286	16120	15890	3419	111
BHC18GTP-004	2018/07/16	1596356	260	-1	-1	316	33687	1658	3990	119
BHC18GTP-004	2018/07/16	1596357	265	-1	-1	341	21067	11378	3606	98
BHC18GTP-004	2018/07/16	1596358	270	-1	-1	448	18679	10719	2532	92
BHC18GTP-004	2018/07/16	1596359	275	-1	-1	392	9533	37276	5908	120
BHC18GTP-004	2018/07/16	1596360	280	-1	-1	444	6419	42734	3275	87
BHC18GTP-004	2018/07/16	1596361	285	-1	-1	412	6510	34175	3838	114
BHC18GTP-004	2018/07/16	1596362	290	-1	-1	554	5129	52324	3425	85
BHC18GTP-004	2018/07/16	1596363	295	-1	-1	500	5002	50107	4242	75
BHC18GTP-004	2018/07/16	1596364	300	-1	-1	-1	7089	41461	4052	107
BHC18GTP-005	2018/07/17	1596367	0	-1	-1	385	29649	2312	4447	104
BHC18GTP-005	2018/07/17	1596368	5	-1	-1	477	20884	5001	3743	93
BHC18GTP-005	2018/07/17	1596369	10	-1	-1	370	31927	921	4542	107
BHC18GTP-005	2018/07/17	1596370	15	-1	-1	455	30273	-1	4404	101
BHC18GTP-005	2018/07/17	1596371	20	-1	-1	395	31244	678	4585	96
BHC18GTP-005	2018/07/17	1596372	25	-1	-1	557	30085	388	4909	131
BHC18GTP-005	2018/07/17	1596373	30	-1	-1	434	27564	1141	3988	115
BHC18GTP-005	2018/07/17	1596374	35	-1	954	298	36107	1518	4099	117
BHC18GTP-005	2018/07/17	1596375	40	-1	-1	580	20351	6286	3161	68
BHC18GTP-005	2018/07/17	1596377	45	-1	-1	427	22012	4815	4330	87
BHC18GTP-005	2018/07/17	1596378	50	-1	-1	574	24919	16781	2849	83
BHC18GTP-005	2018/07/17	1596379	55	-1	-1	580	36019	3097	4393	101
BHC18GTP-005	2018/07/17	1596380	60	-1	-1	464	25804	4079	3556	72
BHC18GTP-005	2018/07/17	1596381	65	-1	-1	415	28899	2186	3704	74
BHC18GTP-005	2018/07/17	1596382	70	-1	811	434	28516	3084	3207	64
BHC18GTP-005	2018/07/17	1596383	75	-1	1267	497	31160	1672	3779	84
BHC18GTP-005	2018/07/17	1596384	80	-1	809	389	23558	1688	3013	73
BHC18GTP-005	2018/07/17	1596385	85	-1	-1	544	31061	2318	4107	86
BHC18GTP-005	2018/07/17	1596386	90	-1	-1	257	23651	2774	3120	73
BHC18GTP-005	2018/07/17	1596387	95	-1	-1	372	23011	1841	3111	70
BHC18GTP-005	2018/07/17	1596388	100	-1	-1	332	18268	2050	3417	64
BHC18GTP-005	2018/07/17	1596389	105	-1	-1	416	36101	245	4211	102
BHC18GTP-005	2018/07/17	1596390	110	-1	-1	-1	32117	4417	3998	82
BHC18GTP-005	2018/07/17	1596391	115	-1	-1	598	31207	2395	3830	94
BHC18GTP-005	2018/07/17	1596392	120	-1	-1	487	38491	2978	4873	101
BHC18GTP-005	2018/07/17	1596393	125	-1	-1	524	31746	4220	4280	84
BHC18GTP-005	2018/07/17	1596394	130	-1	-1	439	26022	4487	3931	70
BHC18GTP-005	2018/07/17	1596395	135	-1	-1	350	23873	4558	3247	62
BHC18GTP-005	2018/07/17	1596396	140	-1	-1	479	27233	2945	3543	82

sample_id	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Se	Rb	Sr	Y	Zr	Nb
1596348	74	733	35225	-1	49	31	123	15	-1	164	34	35	343	22
1596349	72	647	40050	-1	66	-1	53	-1	-1	176	56	33	330	23
1596350	53	568	33685	-1	62	27	61	8	-1	167	39	27	290	19.8
1596351	71	810	29531	-1	50	21	52	-1	-1	91	101	19.2	197	17.3
1596352	73	394	22899	-1	58	15	59	-1	-1	148	112	24	267	13.5
1596353	81	564	28345	-1	40	12	59	6.2	-1	142	79	32	224	14.1
1596354	67	254	31525	-1	63	44	78	-1	-1	145	63	25	232	20.5
1596355	354	1146	44095	-1	128	35	104	10	-1	137	151	29	147	13.2
1596356	67	473	35677	-1	53	32	94	52	-1	179	48	54	218	21
1596357	90	629	33359	-1	48	30	57	20	-1	156	119	33	247	19.1
1596358	52	499	27129	-1	59	14	38	17	-1	131	152	29	273	8.4
1596359	145	868	50313	-1	34	-1	61	-1	-1	58.5	229	26	140	8.9
1596360	336	721	41973	-1	80	20	53	-1	-1	40.7	180	17.5	71	-1
1596361	36	812	47178	-1	39	-1	57	-1	-1	44.6	226	16.6	72	7.7
1596362	123	826	44963	-1	69	20	60	-1	-1	27.9	179	15.7	169	-1
1596363	214	842	48171	-1	73	23	74	-1	-1	32.8	187	24	171	9.8
1596364	36	936	51793	-1	59	14	71	-1	-1	47.4	239	24	74	6
1596367	82	712	35608	-1	54	24	82	8	-1	150	64	24	185	16.1
1596368	69	832	42287	-1	71	27	77	-1	-1	141	132	23	312	19.6
1596369	55	860	46042	-1	63	39	97	-1	-1	177	61	23	168	19
1596370	68	873	46155	-1	87	52	105	12	-1	160	53	36	259	15.1
1596371	72	835	44257	-1	69	39	96	7	-1	171	63	32	244	22
1596372	71	1598	50476	-1	94	43	108	46	-1	166	41	24	199	24
1596373	50	705	30914	-1	49	19	120	11	-1	146	40	28	252	18.8
1596374	67	517	41194	-1	52	33	70	16	-1	207	48	22	262	26
1596375	54	735	27893	-1	58	14	51	16	-1	137	71	24	236	15.1
1596377	73	631	37253	-1	67	26	71	18	-1	159	81	24	262	18
1596378	31	2532	67519	-1	50	24	114	8	-1	135	36	27	226	11.6
1596379	47	830	40916	-1	63	26	84	-1	-1	206	47	25	273	25
1596380	43	796	31084	-1	53	12	55	11	-1	160	52	23	279	16.3
1596381	58	547	28305	-1	33	-1	55	-1	-1	166	28	18	280	21.3
1596382	42	466	29718	-1	41	28	66	-1	-1	189	60	20	263	21
1596383	62	515	32028	-1	44	-1	55	15	-1	179	49	18	280	18.1
1596384	53	917	32921	-1	48	12	64	-1	-1	174	45	43	367	19
1596385	70	607	42247	-1	37	21	87	15	-1	180	48	34	269	24
1596386	58	725	24889	-1	33	13	60	-1	-1	151	58	24	311	15.5
1596387	41	1154	22302	-1	46	13	65	8.1	-1	173	56	30	335	15.8
1596388	46	675	29759	-1	29	17	63	8	-1	128	54	31	472	14.6
1596389	61	510	38855	-1	39	24	93	8	-1	187	50	40	251	26
1596390	59	942	36011	-1	55	21	72	15	-1	200	56	20	269	19
1596391	53	784	39580	-1	73	27	83	15	-1	226	44	26	260	26
1596392	74	715	48498	-1	64	24	96	25	-1	213	48	31	237	34
1596393	51	701	35507	-1	69	18	89	21	-1	175	58	16	294	23
1596394	58	641	33853	-1	48	14	79	12	-1	169	66	25	333	17.8
1596395	28	540	27925	-1	46	17	63	10	-1	147	50	22	282	15.5
1596396	71	762	39843	-1	51	25	86	8	-1	177	53	35	255	21

sample_id	Mo	Ag	Cd	Sn	Sb	Ba	W	Au	Hg	Pb	Bi	Th	U
1596348	-1	-1	-1	-1	-1		-1	-1	-1	15	-1	79	-1
1596349	-1	-1	-1	-1	-1		-1	10	-1	14	-1	77	-1
1596350	-1	-1	-1	-1	-1		-1	-1	-1	17	-1	76	-1
1596351	-1	-1	-1	-1	-1		-1	-1	-1	20	-1	52	-1
1596352	-1	-1	-1	-1	-1		-1	-1	-1	30	26	45	-1
1596353	-1	-1	-1	-1	-1		-1	-1	-1	18	-1	51	-1
1596354	-1	-1	-1	-1	-1		-1	-1	-1	18	-1	42	-1
1596355	-1	-1	-1	-1	-1		-1	-1	-1	35	-1	47	-1
1596356	-1	-1	-1	-1	-1		-1	-1	-1	24	-1	101	-1
1596357	-1	-1	-1	-1	-1		-1	-1	-1	20	-1	73	-1
1596358	-1	-1	-1	-1	-1		-1	-1	-1	21	-1	98	-1
1596359	-1	-1	-1	-1	-1		-1	-1	-1	10	-1	-1	-1
1596360	-1	-1	-1	-1	-1		-1	-1	-1	7	-1	-1	-1
1596361	-1	-1	-1	-1	-1		-1	-1	-1	9	-1	-1	-1
1596362	-1	-1	-1	-1	-1		-1	-1	-1	14	-1	-1	-1
1596363	-1	-1	-1	-1	-1		-1	-1	-1	12	-1	-1	-1
1596364	-1	-1	-1	-1	-1		-1	-1	-1	13	-1	-1	-1
1596367	-1	-1	-1	-1	-1		-1	-1	-1	27	-1	68	-1
1596368	-1	-1	-1	-1	-1		-1	-1	-1	25	-1	78	-1
1596369	-1	-1	-1	-1	-1		-1	-1	-1	24	-1	69	-1
1596370	-1	-1	-1	-1	-1		-1	-1	-1	39	-1	65	-1
1596371	-1	-1	-1	-1	-1		-1	-1	-1	26	-1	60	-1
1596372	-1	-1	-1	-1	-1		-1	-1	-1	34	-1	71	-1
1596373	-1	-1	-1	-1	-1		-1	-1	-1	19	-1	87	-1
1596374	-1	-1	-1	-1	-1		-1	-1	-1	22	-1	93	-1
1596375	-1	-1	-1	-1	-1		-1	-1	-1	13	-1	61	-1
1596377	-1	-1	-1	-1	-1		-1	-1	-1	26	-1	63	-1
1596378	-1	-1	-1	-1	-1		-1	-1	-1	21	-1	92	-1
1596379	-1	-1	-1	-1	-1		-1	-1	-1	26	-1	68	-1
1596380	-1	-1	-1	-1	-1		-1	-1	-1	17	-1	61	-1
1596381	-1	-1	-1	-1	-1		-1	-1	-1	22	27	83	-1
1596382	-1	-1	-1	-1	-1		-1	-1	-1	26	-1	70	-1
1596383	-1	-1	-1	-1	-1		-1	-1	-1	21	-1	74	-1
1596384	-1	-1	-1	-1	-1		-1	-1	-1	24	-1	104	-1
1596385	-1	-1	-1	-1	-1		-1	-1	-1	29	-1	74	-1
1596386	-1	-1	-1	-1	-1		-1	-1	-1	23	-1	71	-1
1596387	-1	-1	-1	-1	-1		-1	-1	-1	19	-1	87	-1
1596388	-1	-1	-1	-1	-1		-1	-1	-1	21	-1	79	-1
1596389	-1	-1	-1	-1	-1		-1	-1	-1	29	-1	59	-1
1596390	-1	-1	-1	-1	-1		-1	-1	-1	22	-1	66	-1
1596391	-1	-1	-1	-1	-1		-1	-1	-1	23	-1	55	-1
1596392	-1	-1	-1	-1	-1		-1	-1	-1	26	-1	92	-1
1596393	-1	-1	-1	-1	-1		-1	-1	-1	23	-1	45	-1
1596394	-1	-1	-1	-1	-1		-1	-1	-1	18	-1	66	-1
1596395	-1	-1	-1	-1	-1		-1	-1	-1	26	-1	84	-1
1596396	-1	-1	-1	-1	-1		-1	-1	-1	25	-1	94	-1

line_id	date	sample_id	distance	P	S	Cl	K	Ca	Ti	V
BHC18GTP-005	2018/07/17	1596397	145	-1	-1	392	21267	3843	3510	81
BHC18GTP-005	2018/07/18	1596398	150	-1	-1	247	20137	4942	2732	89
BHC18GTP-005	2018/07/18	1596399	155	-1	-1	590	27746	4595	3957	92
BHC18GTP-005	2018/07/18	1596400	160	-1	-1	417	26279	-1	3859	81
BHC18GTP-005	2018/07/18	1596401	165	-1	-1	459	38509	-1	4392	107
BHC18GTP-005	2018/07/18	1596402	170	-1	1775	474	35530	346	4226	98
BHC18GTP-005	2018/07/18	1596403	175	-1	1716	408	36162	-1	4213	103
BHC18GTP-005	2018/07/18	1596404	180	-1	989	420	28590	1103	3640	81
BHC18GTP-005	2018/07/18	1596405	185	-1	1312	417	35072	2712	4364	110
BHC18GTP-005	2018/07/18	1596406	190	-1	-1	409	27229	2058	4594	87
BHC18GTP-005	2018/07/18	1596407	195	-1	-1	372	23959	3878	3446	84
BHC18GTP-005	2018/07/18	1596408	200	-1	-1	337	23455	2492	2967	97
BHC18GTP-005	2018/07/18	1596409	205	-1	1270	445	30626	1021	3898	135
BHC18GTP-005	2018/07/18	1596410	210	-1	-1	432	27312	7650	3807	123
BHC18GTP-005	2018/07/18	1596411	215	-1	-1	397	12552	191023	1805	97
BHC18GTP-005	2018/07/18	1596412	220	-1	2387	428	37587	1355	4766	94
BHC18GTP-005	2018/07/18	1596413	225	-1	1104	-1	26731	6957	3975	149
BHC18GTP-005	2018/07/18	1596414	230	-1	-1	483	37352	-1	4909	122
BHC18GTP-005	2018/07/18	1596415	235	-1	1112	422	28305	508	4147	114
BHC18GTP-005	2018/07/18	1596416	240	-1	-1	462	24447	657	4076	114
BHC18GTP-005	2018/07/18	1596417	245	-1	-1	508	28655	1495	4757	124
BHC18GTP-005	2018/07/18	1596418	250	-1	-1	697	31288	994	4825	117
BHC18GTP-005	2018/07/18	1596419	255	-1	-1	498	23474	1677	4162	105
BHC18GTP-005	2018/07/18	1596420	260	-1	-1	537	35681	-1	5574	169
BHC18GTP-005	2018/07/18	1596421	265	-1	-1	301	27026	1196	4290	130
BHC18GTP-005	2018/07/18	1596422	270	-1	-1	372	22931	731	4053	99
BHC18GTP-005	2018/07/18	1596423	275	-1	-1	278	29196	977	4347	122
BHC18GTP-005	2018/07/18	1596424	280	-1	-1	421	28297	1491	4117	111
BHC18GTP-005	2018/07/18	1596425	285	-1	-1	591	21132	4396	3767	124
BHC18GTP-005	2018/07/18	1596427	290	-1	-1	443	27595	2651	3562	134
BHC18GTP-005	2018/07/18	1596428	295	-1	-1	259	21060	1993	4015	88
BHC18GTP-005	2018/07/18	1596429	300	-1	-1	439	38733	1243	5163	144
BHC18GTP-005	2018/07/18	1596430	305	-1	-1	525	16644	34716	6537	131
BHC18GTP-005	2018/07/18	1596431	310	-1	-1	415	41056	1335	5036	121
BHC18GTP-005	2018/07/18	1596432	315	-1	1252	-1	40881	3173	5237	130
BHC18GTP-005	2018/07/18	1596433	320	-1	-1	539	34264	4764	4350	140
BHC18GTP-005	2018/07/18	1596434	325	-1	-1	500	32224	2817	4863	137
BHC18GTP-005	2018/07/18	1596435	330	-1	-1	525	34219	523	5032	132
BHC18GTP-005	2018/07/18	1596436	335	-1	-1	488	33104	3083	4027	128
BHC18GTP-005	2018/07/18	1596437	340	-1	-1	368	29439	3340	3826	103
BHC18GTP-005	2018/07/18	1596438	345	-1	-1	-1	34094	3365	4490	128
BHC18GTP-005	2018/07/18	1596439	350	-1	-1	338	30994	3510	4345	93
BHC18GTP-006	2018/07/19	1596451	0	-1	-1	270	24600	2172	3052	86
BHC18GTP-006	2018/07/19	1596452	5	-1	-1	530	36284	858	4453	119
BHC18GTP-006	2018/07/19	1596453	10	-1	-1	-1	38127	1041	5190	139
BHC18GTP-006	2018/07/19	1596454	15	-1	-1	363	29911	512	4353	92

sample_id	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Se	Rb	Sr	Y	Zr	Nb
1596397	44	791	33897	-1	55	22	89	13	-1	145	65	27	293	21.5
1596398	70	878	28445	-1	81	19	211	-1	-1	146	50	30	237	21.2
1596399	54	672	41187	-1	60	24	96	55	-1	187	79	32	270	21
1596400	61	357	25797	-1	46	13	66	21	-1	130	17	30	533	14.7
1596401	76	284	33025	-1	47	25	72	52	-1	220	22	22	201	24
1596402	69	435	30935	-1	33	22	71	10	-1	190	37	15	238	21
1596403	65	393	52207	-1	40	27	74	38	-1	188	52	15	241	24
1596404	61	311	30696	-1	29	22	49	21	-1	187	40	25	283	21.7
1596405	93	530	37226	-1	58	23	87	11	-1	194	62	26	258	26
1596406	73	843	34831	-1	65	24	262	-1	-1	219	75	43	291	22
1596407	60	745	33100	-1	55	21	98	29	-1	147	88	20	312	18.1
1596408	53	1067	31351	-1	54	23	143	48	-1	139	41	39	229	13.8
1596409	66	337	25234	-1	28	19	49	24	-1	157	52	21	368	20.8
1596410	72	853	42841	-1	80	25	152	120	-1	158	78	29	266	12
1596411	57	474	25528	-1	115	14	376	61	-1	76	215	46	224	10.9
1596412	81	181	14549	-1	24	13	29	53	-1	186	22	14	167	23.5
1596413	77	530	29903	-1	77	58	121	128	-1	164	124	45	223	17.6
1596414	70	619	46214	-1	66	35	231	292	-1	152	51	39	226	23
1596415	51	545	62702	-1	79	26	189	383	-1	185	60	35	283	19
1596416	65	1039	31455	-1	77	30	64	35	-1	132	57	27	321	17.8
1596417	96	1303	32718	-1	53	34	58	-1	-1	150	94	25	314	23
1596418	69	1011	39556	-1	52	27	66	-1	-1	154	70	24	235	19.9
1596419	71	786	35325	-1	66	31	71	-1	-1	135	79	29	210	17.1
1596420	101	1828	62579	-1	82	44	98	-1	-1	243	47	45	302	27
1596421	82	901	41659	-1	71	22	70	-1	-1	151	81	23	249	19.7
1596422	67	628	33413	-1	59	18	62	7	-1	150	41	34	284	15.1
1596423	73	640	38378	-1	50	18	55	7	-1	179	54	25	281	18.6
1596424	77	1050	37972	-1	61	16	64	-1	-1	160	35	32	241	21
1596425	76	618	28045	-1	51	23	42	-1	-1	105	124	35	258	18.1
1596427	77	451	30273	-1	52	19	47	-1	-1	128	78	25	299	22.1
1596428	62	540	32616	-1	41	17	48	-1	-1	119	90	27	303	18.2
1596429	80	529	45006	-1	54	51	92	-1	-1	208	45	29	251	23
1596430	193	1181	96241	-1	187	158	96	-1	-1	97	596	25	131	27
1596431	77	467	43367	-1	79	30	68	-1	-1	220	52	23	245	20
1596432	92	618	59514	-1	77	31	111	-1	-1	226	73	49	261	30
1596433	74	637	40030	-1	54	27	31	-1	-1	178	86	22	308	21
1596434	94	1442	55439	-1	92	36	76	8	-1	158	121	40	180	21
1596435	87	1160	47525	-1	81	59	73	-1	-1	145	40	24	158	21
1596436	82	692	42051	-1	57	36	66	-1	-1	159	61	29	199	16.3
1596437	62	513	35572	-1	73	24	60	-1	-1	173	90	24	360	21.8
1596438	83	718	44196	-1	83	25	76	-1	-1	189	63	30	264	26
1596439	64	656	33153	-1	52	25	63	-1	-1	172	103	19	350	23
1596451	57	389	25753	-1	57	-1	48	7.4	-1	144	83	23	269	19.3
1596452	96	403	43985	-1	52	23	85	-1	-1	204	72	34	240	27
1596453	86	798	45633	-1	74	48	85	-1	-1	210	76	31	276	23
1596454	69	708	39150	-1	65	48	77	12	-1	158	63	21	176	15

sample_id	Mo	Ag	Cd	Sn	Sb	Ba	W	Au	Hg	Pb	Bi	Th	U
1596397	-1	-1	-1	-1	-1		-1	-1	-1	20	-1	57	-1
1596398	-1	-1	-1	-1	-1		-1	-1	-1	28	-1	104	-1
1596399	-1	-1	-1	-1	-1		-1	-1	-1	33	-1	65	-1
1596400	-1	-1	-1	-1	-1		-1	-1	-1	19	-1	88	-1
1596401	-1	-1	-1	-1	-1		-1	-1	-1	39	-1	105	-1
1596402	-1	-1	-1	-1	-1		-1	-1	-1	24	-1	87	-1
1596403	-1	-1	-1	-1	-1		-1	-1	-1	20	-1	79	-1
1596404	-1	-1	-1	-1	-1		-1	-1	-1	24	-1	48	-1
1596405	-1	-1	-1	-1	-1		-1	-1	-1	21	-1	93	-1
1596406	-1	-1	-1	-1	-1		-1	-1	-1	26	-1	67	-1
1596407	-1	-1	-1	-1	-1		-1	-1	-1	36	-1	73	-1
1596408	-1	-1	-1	-1	-1		-1	-1	-1	25	-1	77	-1
1596409	-1	-1	-1	-1	-1		-1	-1	-1	24	-1	86	-1
1596410	-1	-1	-1	-1	-1		-1	15	-1	21	-1	59	-1
1596411	-1	-1	-1	-1	-1		-1	-1	-1	32	-1	-1	-1
1596412	-1	-1	-1	-1	-1		-1	-1	-1	41	-1	72	-1
1596413	-1	-1	-1	-1	-1		-1	-1	-1	28	-1	47	-1
1596414	-1	-1	-1	-1	-1		-1	-1	-1	53	-1	58	-1
1596415	-1	-1	-1	-1	-1		-1	-1	-1	30	-1	-1	-1
1596416	-1	-1	-1	-1	-1		-1	-1	-1	33	-1	46	-1
1596417	-1	-1	-1	-1	-1		-1	-1	-1	29	-1	97	-1
1596418	-1	-1	-1	-1	-1		-1	-1	-1	39	-1	57	-1
1596419	-1	-1	-1	-1	-1		-1	-1	-1	30	-1	108	-1
1596420	-1	-1	-1	-1	-1		-1	-1	-1	56	-1	129	-1
1596421	-1	-1	-1	-1	-1		-1	-1	-1	29	-1	91	-1
1596422	-1	-1	-1	-1	-1		-1	-1	-1	32	-1	93	-1
1596423	-1	-1	-1	-1	-1		-1	-1	-1	22	-1	46	-1
1596424	-1	-1	-1	-1	-1		-1	-1	-1	27	-1	73	-1
1596425	-1	-1	-1	-1	-1		-1	-1	-1	14	-1	86	-1
1596427	-1	-1	-1	-1	-1		-1	-1	-1	20	-1	89	-1
1596428	-1	-1	-1	-1	-1		-1	-1	-1	22	-1	56	-1
1596429	-1	-1	-1	-1	-1		-1	-1	-1	24	-1	72	-1
1596430	-1	-1	-1	-1	-1		-1	-1	-1	18	-1	-1	-1
1596431	-1	-1	-1	-1	-1		-1	-1	-1	20	-1	-1	-1
1596432	-1	-1	-1	-1	-1		-1	-1	-1	32	-1	131	-1
1596433	-1	-1	-1	-1	-1		-1	10	-1	14	-1	75	-1
1596434	-1	-1	-1	-1	-1		-1	-1	-1	25	-1	77	-1
1596435	-1	-1	-1	-1	-1		-1	-1	-1	13	-1	56	-1
1596436	-1	-1	-1	-1	-1		-1	-1	-1	21	-1	88	-1
1596437	-1	-1	-1	-1	-1		-1	-1	-1	30	-1	85	-1
1596438	-1	-1	-1	-1	-1		-1	-1	-1	50	-1	101	-1
1596439	-1	-1	-1	-1	-1		-1	-1	-1	29	-1	104	-1
1596451	-1	-1	-1	-1	-1		-1	-1	-1	20	-1	70	-1
1596452	-1	-1	-1	-1	-1		-1	-1	-1	38	-1	60	-1
1596453	-1	-1	-1	-1	-1		-1	-1	-1	35	-1	115	-1
1596454	-1	-1	-1	-1	-1		-1	-1	-1	28	-1	54	-1

line_id	date	sample_id	distance	P	S	Cl	K	Ca	Ti	V
BHC18GTP-006	2018/07/19	1596455	20	-1	-1	328	27034	603	2691	92
BHC18GTP-006	2018/07/19	1596456	25	-1	-1	396	24207	1930	5376	206
BHC18GTP-006	2018/07/19	1596457	30	-1	-1	-1	24600	5912	4485	87
BHC18GTP-006	2018/07/19	1596458	35	-1	-1	422	22196	7547	5063	198
BHC18GTP-006	2018/07/19	1596459	40	7915	-1	-1	13467	4041	10305	459
BHC18GTP-006	2018/07/19	1596460	45	-1	-1	-1	18616	13148	9918	840
BHC18GTP-006	2018/07/19	1596461	50	-1	-1	-1	19221	32301	10980	439
BHC18GTP-006	2018/07/19	1596462	55	-1	-1	695	21886	27962	8668	349
BHC18GTP-006	2018/07/19	1596463	60	-1	-1	-1	18189	27098	8547	392
BHC18GTP-006	2018/07/19	1596464	65	-1	-1	-1	21213	22785	9338	371
BHC18GTP-006	2018/07/19	1596465	70	12076	-1	499	22134	20495	8781	473
BHC18GTP-006	2018/07/19	1596466	75	8529	-1	507	20187	24517	8547	337
BHC18GTP-006	2018/07/19	1596467	80	8923	-1	774	21126	28468	10047	313
BHC18GTP-006	2018/07/19	1596468	85	-1	-1	436	18894	25704	8951	387
BHC18GTP-006	2018/07/19	1596469	90	-1	-1	666	21394	29686	10848	398
BHC18GTP-006	2018/07/19	1596470	95	13503	-1	563	19509	28066	11196	452
BHC18GTP-006	2018/07/19	1596471	100	9986	-1	747	20539	27762	9825	418

sample_id	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Se	Rb	Sr	Y	Zr	Nb
1596455	45	590	23823	-1	46	19	46	-1	-1	134	32	24	222	13.4
1596456	44	773	50129	-1	36	29	106	7	-1	134	106	34	543	22
1596457	41	610	40842	-1	61	21	77	-1	-1	137	96	26	337	18.8
1596458	38	742	46442	-1	75	22	92	-1	-1	122	208	26	567	22
1596459	-1	1704	134522	-1	55	76	109	29	-1	65	294	32	1815	24
1596460	50	1217	91730	-1	60	184	77	316	-1	90	472	24	1401	27
1596461	-1	1183	107064	-1	52	19	127	-1	-1	84	390	35	1041	19
1596462	-1	1091	75887	-1	63	23	117	-1	-1	109	389	26	895	27
1596463	37	1228	69978	-1	57	17	98	-1	-1	76	406	28	874	27
1596464	41	1121	72066	-1	83	22	107	-1	-1	90	393	24	847	32
1596465	31	879	73429	-1	46	26	93	-1	-1	100	452	25	1148	27
1596466	37	897	72277	-1	49	21	100	-1	-1	93	384	23	873	27
1596467	-1	1117	79748	-1	84	28	129	-1	-1	104	320	33	1137	36
1596468	40	778	60744	-1	71	19	97	-1	-1	72	486	24	695	26
1596469	-1	1102	80227	-1	81	-1	116	-1	-1	75	426	21	814	32
1596470	-1	1396	104070	-1	88	42	134	-1	-1	85	379	20	1461	33
1596471	-1	1069	77846	-1	69	40	113	-1	-1	111	505	19	872	35

sample_id	Mo	Ag	Cd	Sn	Sb	Ba	W	Au	Hg	Pb	Bi	Th	U
1596455	-1	-1	-1	-1	-1		-1	-1	-1	16	-1	66	-1
1596456	-1	-1	-1	-1	-1		-1	-1	-1	15	-1	62	-1
1596457	-1	-1	-1	-1	-1		-1	-1	-1	25	-1	90	-1
1596458	-1	-1	-1	-1	-1		-1	-1	-1	25	-1	71	-1
1596459	-1	-1	-1	-1	-1		-1	-1	-1	22	-1	-1	-1
1596460	-1	-1	-1	-1	-1		-1	-1	-1	25	-1	-1	-1
1596461	-1	-1	-1	-1	-1		-1	-1	-1	17	-1	-1	-1
1596462	-1	-1	-1	-1	-1		-1	-1	15	21	-1	-1	15
1596463	-1	-1	-1	-1	-1		-1	-1	-1	15	-1	-1	-1
1596464	-1	-1	-1	-1	-1		-1	-1	-1	20	-1	77	-1
1596465	-1	-1	-1	-1	-1		-1	-1	-1	15	-1	-1	-1
1596466	-1	-1	-1	-1	-1		-1	-1	-1	19	-1	-1	-1
1596467	-1	-1	-1	-1	-1		-1	-1	18	20	-1	-1	-1
1596468	-1	-1	-1	-1	-1		-1	-1	-1	19	-1	-1	-1
1596469	-1	-1	-1	-1	-1		-1	-1	15	15	-1	-1	-1
1596470	-1	-1	-1	-1	-1		-1	14	20	21	-1	-1	-1
1596471	-1	-1	-1	-1	-1		-1	-1	-1	19	-1	-1	-1